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WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC
OCT 71

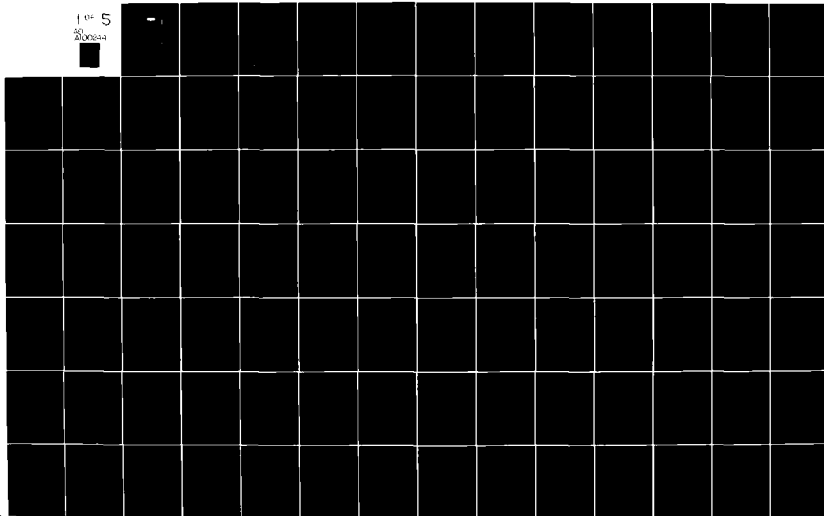
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USAFETAC/DS-81/039

AD 1

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WILLIAMS LAKE B C DOT APT WBAN #25247
N 52 11 W 122 03 ELEV 3088 FT. CYWL WMO #74104
PARTS A, C-F
POR FROM HOURLY OBS JAN 61-DEC 68

OCT 20 1971

REC'D OCT 26 1971

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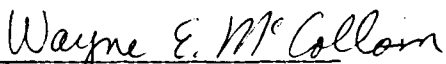
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 81/039	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Williams Lake, British Colombia, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 20 Oct 71
		13. NUMBER OF PAGES 400
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts of this document are: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall Part C- Daily Max, Min and Humidity Part D- Max and Min Temp Part E- Atmospheric pressure Part F- Extreme surface winds Part G- Psychrometric summary Part H- Ceiling versus visibility (over)		
19. KEY WORDS *RUSSWO Snowfall Climatology Atmospheric pressure Temperature Climatological data		
20. ABSTRACT A six-part statistical summary of surface weather observations for Williams Lake Apt, Yukon Territory, Canada contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* British Columbia, Canada
** Williams Lake, Canada
20. and dew point temperatures and relative humidity
Summary (means, standard deviations, and other
station pressure and sea-level pressure
presented in tabular form, in most cases
occurrence or cumulative percentage of occurrence tables.

The Period of Record
is:

Observations is:

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

NAVY WEATHER SERVICE
WATERGATE 1001
AIR WEATHER SERVICE (AWC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those recorded or recorded by automatic observation equipment at six fixed hourly intervals.

DAILY OBSERVATIONS

Daily observations are defined as those observations recorded at six fixed hourly intervals and combined into Summary of the Day observations. (Selected from 0000-0100, 0100-0200, 0200-0300, 0300-0400, 0400-0500, 0500-0600, 0600-0700, 0700-0800, 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600, 1600-1700, 1700-1800, 1800-1900, 1900-2000, 2000-2100, 2100-2200, 2200-2300, 2300-2400 hours local standard time.)

DESCRIPTION OF SUMMARIES

The Uniform Summary of the Day is a summary of the day's observations. It is a summary of the day's observations recorded by stations operated by the U. S. Navy. It is a summary of the day's observations recorded by stations operated by the U. S. Navy. It is a summary of the day's observations recorded by stations operated by the U. S. Navy.

The Uniform Summary of the Day is a summary of the day's observations. It is a summary of the day's observations recorded by stations operated by the U. S. Navy. It is a summary of the day's observations recorded by stations operated by the U. S. Navy.

PART A. DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETER WET BULB VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART B. STATION PRESSURE

SEA LEVEL PRESSURE

WIND DIRECTION

WIND SPEED

WIND GUST

WIND VELOCITY

WIND DIRECTION

WIND SPEED

WIND GUST

WIND VELOCITY

WIND DIRECTION

WIND SPEED

WIND GUST

WIND VELOCITY

WIND DIRECTION

WIND SPEED

WIND GUST

WIND VELOCITY

WIND DIRECTION

WIND SPEED

WIND GUST

WIND VELOCITY

WIND DIRECTION

WIND SPEED

WIND GUST

WIND VELOCITY

WIND DIRECTION

STANDARD 3-HOUR GROUPS

All observations are grouped into standard 3-hour periods corresponding to the following sets of hourly observations: 0000-0100, 0100-0200, 0200-0300, 0300-0400, 0400-0500, 0500-0600, 0600-0700, 0700-0800, 0800-0900, 0900-1000, 1000-1100, 1100-1200, 1200-1300, 1300-1400, 1400-1500, 1500-1600, 1600-1700, 1700-1800, 1800-1900, 1900-2000, 2000-2100, 2100-2200, 2200-2300, 2300-2400 hours local standard time.

MISSING HOUR GROUPS

When a station has failed to report observations for a particular hour, the missing hour group is used. When a station has failed to report observations for a particular hour, the missing hour group is used. When a station has failed to report observations for a particular hour, the missing hour group is used.

0000-0100

0100-0200

0200-0300

0300-0400

0400-0500

0500-0600

0600-0700

0700-0800

0800-0900

0900-1000

1000-1100

1100-1200

1200-1300

1300-1400

1400-1500

1500-1600

1600-1700

1700-1800

1800-1900

1900-2000

2000-2100

2100-2200

2200-2300

2300-2400

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV. (FT)	CALL SIGN:	WMO NUMBER:
25247	WILLIAMS LAKE B C DOT APT	N 52 11	W 122 03	3088	CYWL	74104

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	BAROMETER	
1	Williams Lake B C Dot Apt	C	Jan 61	Dec 68	N 52 11	W 122 03	3088	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 61 to Dec 68	Not available	N/A	N/A	N/A	Hourly surface observations on magnetic tape from DOT Canada.

FORM NO. 1 (1-1-61)
10-10-61
ADDITIONAL PAGES (1-1-61)
ADDITIONAL PAGES (1-1-61)

PART A

WEATHER CONDITIONS

This section contains a frequency occurrence of various atmospheric phenomena and obstructions to vision, and is presented in two tables as follows:

1. By month and year, all hours and years combined.

2. By month and year, all hours, by standard 3-hour groups.

The various phenomena included in each category on the form are listed below:

Thunderstorm - All reported occurrences of thunderstorm, tornado, and waterspout.

Precipitation - All liquid precipitation, falling to the ground, not freezing.

Precipitation (glaze) - Precipitation falling in liquid form, but freezing on contact with surfaces.

Snow - All reported occurrences of snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Ice - All reported occurrences of ice are included.

Clouds - All reported occurrences of clouds are included. Since more than one type of precipitation may be reported in the same hour, the total number of categories may exceed the total columns.

Fog - All reported occurrences of fog and ground fog.

Smoke and haze - All reported occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - All reported occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and sand - All reported occurrences of blowing dust, blowing sand, and dust.

... is not shown in a separate category on this form but is included in the category of observations with Contractions to Vision, below.

Observations with Contractions to Vision - Included in this category are the observations when the observer reports a contraction to vision. Since more than one type of contraction may be observed, the sum of the individual categories may exceed the percentage total. However, since a contraction may reduce visibility, it is not considered an obstruction to vision for reporting purposes; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/PAO

WEATHER CONDITIONS

25247 WILLIAMS LAKE R C DIST APT

61-62

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		1.0	.0	19.0		20.6	5.2	.0	.1		5.3	5952
FEB		.0	1.5	.1	9.3	.0	10.8	5.1	.2	.0		5.2	5424
MAR			1.3		9.7	.0	10.9	1.0				1.6	5952
APR			4.6		5.9	.0	10.1	2.4				2.4	5757
MAY		.3	8.4		1.9	.1	10.1	2.0				2.0	5951
JUN		.7	9.0				9.0	1.6				1.6	5758
JUL		1.8	8.7			.1	8.7	3.3	.0			3.3	5950
AUG		1.2	8.5			.0	8.5	3.3	.9			4.2	5951
SEP		.3	7.8		.4	.0	7.8	3.7				3.7	5760
OCT		.0	6.8		2.2	.0	8.7	5.1				5.1	5952
NOV			2.1	.5	9.9		12.4	8.2	.2	.0		8.3	5760
DEC			1.1	.3	18.5		19.7	6.6	.0	.1		6.7	5932
TOTALS		.4	5.0	.1	6.5	.0	11.4	4.0	.1	.0		4.1	70099

1 DATA PROCESSING DIVISION
2 USAF ETA
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE H C UNIT APT
STATION

61-66

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		.5		19.6		20.7	7.4		.4		7.8	744
	03-05		.5		21.9		22.0	6.7		.5		7.3	744
	06-08		.9	.1	21.6		22.7	7.3	.3	.1		7.5	744
	09-11		1.5		21.9		23.4	5.1				5.1	744
	12-14		.3		21.4		21.6	2.7				2.7	744
	15-17		1.2		15.9		17.1	.9				.9	744
	18-20		1.7		18.1		19.8	4.6				4.6	744
	21-23		.9		16.7		17.6	6.7				6.7	744
TOTALS			1.0	.0	19.6		20.6	5.2	.0	.1		5.3	5952

ATA PROCESSION DIVISION
 USAF ETC
 AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE D C UNIT APT

01-66

1 FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		1.3	.4	9.1		10.9	7.1				7.1	678
	03-05		1.6	.4	10.3		12.5	8.7				8.7	678
	06-08		1.2	.1	10.6		11.7	8.3	.6	.1		8.6	678
	09-11	.1	1.3		10.9	.1	12.1	5.2	.6	.1		5.3	678
	12-14		1.6		6.6	.1	6.1	2.1	.1	.1		2.2	678
	15-17		2.2		8.0	.1	10.2	1.6	.4			1.9	678
	18-20		1.2		10.2		11.4	3.1				3.1	678
	21-23		1.3		8.3		9.6	5.0				5.0	678
TOTALS		.0	1.5	.1	9.3	.0	10.8	5.1	.2	.0		5.2	3424

2

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/NAO

WEATHER CONDITIONS

25247 WILLIAMS LAKE F C UNIT APT

61-68

AR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
4A	00-02		.4		2.6		2.0	2.6				2.6	744
	03-05		1.1		4.6		2.7	3.2				3.2	744
	06-08		1.6		14.1		15.5	3.0				3.0	744
	09-11		1.2		13.4		14.5	1.3				1.3	744
	12-14		1.6		7.9		9.0						744
	15-17		1.6		8.7		9.9	.1				.1	744
	18-20		1.0		9.4	.1	11.2	.5				.5	744
	21-23		1.3		6.9		8.1	2.3				2.3	744
TOTALS			1.3		2.7	.0	10.9	1.6				1.6	5952

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

WEATHER CONDITIONS

25247 WILLIAMS LAKE F C FOT APT 61-68 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		4.9		6.5		11.0	3.5				3.5	720
	03-05		5.1		6.7		11.5	5.1				5.1	720
	06-08		4.6		9.2		13.2	4.4				4.4	720
	09-11		3.9		5.7		9.3	1.8				1.8	719
	12-14		5.3		6.3		10.7	.4				.4	718
	15-17		3.3		4.2	.3	7.4	.7				.7	720
	18-20		4.9		4.4		9.2	1.1				1.1	720
	21-23		4.9		3.8		8.5	2.1				2.1	720
TOTALS			4.6		5.9	.0	10.1	2.4				2.4	5757

DATA PROCESSING DIVISION
USAF ETC.
AIR - EATER - SERVICE/MAC

WEATHER CONDITIONS

JULIAMS LANE B C OUT APT

61-68

1. ΔY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

WEATHER CONDITIONS

252-1
STATION

01-01

YEARS

JUN
MONTH

FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

DATE	HOURS TEST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	00-02	.1	9.3				9.3	1.4				1.4	720
	03-05		6.8				6.8	4.4				4.4	720
	06-08		7.1				7.1	3.1				3.1	720
	09-11	.3	7.1				7.1	1.1				1.1	720
	12-14	1.8	9.6				9.6	.8				.8	718
	15-17	1.8	10.7				10.7	.3				.3	720
	18-20	.7	9.2				9.2	.4				.4	720
	21-23	.7	11.8				11.8	1.4				1.4	720
TOTALS		.7	9.0				9.0	1.6				1.6	5758

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE B C INT APT

61-68

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
J L	00-02	.7	7.4				7.4	4.7				4.7	744
	03-05	.1	7.7				7.7	8.1				8.1	744
	06-08		7.7				7.7	6.9	.1			7.0	744
	09-11	.3	7.8				7.8	1.6	.1			1.7	743
	12-14	2.7	8.7			.3	8.7	1.5				1.5	744
	15-17	5.0	9.6				9.6	.8				.8	743
	18-20	4.2	10.9			.1	10.9	.8				.8	744
	21-23	1.3	10.1				10.1	1.9				1.9	744
TOTALS		1.8	8.7			.1	8.7	3.3	.0			3.3	5950

1
2DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE R C DET APT

61-68

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.7	6.6				6.6	3.1	.7			3.8	744
	03-05	.5	9.8				9.8	7.5	.4			7.9	744
	06-08	.8	7.9				7.9	8.5	1.2			9.7	744
	09-11	.1	6.6				6.6	2.4	2.3			4.6	743
	12-14	.5	7.5			.1	7.5	.8	1.1			1.9	744
	15-17	3.4	9.7				9.7	.7	.1			.8	744
	18-20	3.2	9.8				9.8	1.5	.7			2.2	744
	21-23	.7	10.2				10.2	1.5	.8			2.3	744
TOTALS		1.2	8.5			.0	8.5	3.3	.9			4.2	5951

2

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25247

WILLIAMS LAKE B C OUT ART

61-65

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.3	7.7		.3		4.2	3.9				3.9	720
	03-05	.3	6.1		.3		4.4	6.4				6.4	720
	06-08	.4	7.8		.7		6.5	8.3				8.3	720
	09-11		5.7		.8		5.1	3.8				3.8	720
	12-14	.4	7.9		.6	.1	6.3	1.8				1.8	720
	15-17	.7	9.2		.3		9.4	1.5				1.5	720
	18-20	.4	6.8		.1		6.9	1.3				1.3	720
	21-23	.1	6.5		.4		6.9	2.5				2.5	720
TOTALS		.3	7.5		.4	.0	7.8	3.7				3.7	5760

2

DATA PROCESSING DIVISION
USAF ETO
AIR EATER SERVICE AC

WEATHER CONDITIONS

25247 WILLIAMS LAKE H C DET APT 61-68 CT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING- RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		5.4		3.2		8.5	4.8				4.8	744
	03-05		5.5		3.4		9.1	8.5				8.5	744
	06-08		7.9		1.7		9.4	9.4				9.4	744
	09-11		6.0		2.2		7.9	5.6				5.6	744
	12-14		6.5		1.6		7.5	2.4				2.4	744
	15-17	.3	7.8		1.5	.1	9.0	1.9				1.9	744
	18-20		7.5		2.4	.1	9.5	3.6				3.6	744
	21-23		7.1		1.9		9.0	4.7				4.7	744
TOTALS		.3	6.8		2.2	.0	8.7	5.1				5.1	5952

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25247 WILLIAMS LAKE S C BHT APT

01-68

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		2.1	.3	9.0		11.4	10.3		.1		11.0	720
	03-05		3.1	1.3	9.4		13.3	12.1				12.1	720
	06-08		1.9	.8	10.3		12.9	10.6				10.6	720
	09-11		1.8	.4	11.5		13.6	10.0		.1		10.1	720
	12-14		1.9	.4	11.5		13.8	5.8	.4			5.8	720
	15-17		2.2	.3	8.8		11.1	3.1	.6			3.3	720
	18-20		1.7	.1	8.9		10.6	6.3	.3			6.3	720
	21-23		1.9	.6	10.1		12.6	7.1				7.1	720
TOTALS			2.1	.5	9.9		12.4	8.2	.2	.0		8.3	5760

1
2DATA PROCESSING DIVISION
USAF FTA
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

25247 ILLIAMS LAKE H Q DET ART 61-61 FC
STATION STATION NAME YEARS MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		1.2	.4	13.7		17.1	7.4		.1		7.6	741
	03-05		.5	.1	14.2		14.9	7.7				7.7	741
	06-08		.5	.4	17.5		14.3	9.0	.1			9.2	743
	09-11		1.1	.4	17.2		14.7	6.1		.1		6.1	743
	12-14		1.3	.3	18.8		20.1	4.3				4.3	741
	15-17		1.5		20.6		21.9	4.7	.1			4.7	741
	18-20		1.6	.3	21.9		23.1	6.6		.4		7.0	741
	21-23		1.1	.3	16.1		19.2	7.3				7.3	741
TOTALS			1.1	.3	18.3		19.7	6.6	.0	.1		6.7	5932

DATA PROCESSING DIVISION
WMO/NOAA
ALA WINDSHEAR SERVICE (WSS)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 degree points from the beginning of record through 1963, and in terms of degrees starting in January 1964. When 16 or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Mean and standard deviations are computed when four or more values are present for any station. A supplementary list of peak gusts by year-month with < 90% observations reported is also provided.

Note: According to Circular K specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Directional Wind Speed Frequency Tabulations: Derived from hourly observations, these tabulations are a percentage of the hourly wind direction to 16 compass points and calm by wind speeds (knots) in increments of 5 knots in accordance with Circular K specifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these wind speed light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARIABLE.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all years combined
- (2) By month - all years combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: EXCLUDED CLAS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1 1/2 miles, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/340

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25297 STATION 25297 WILLIAMS LAKE MCCURT APT 61-00 YEARS ALL MONTH ALL HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.1	.2	.0	.0	.0					4.1	5.4
NNE	.4	.3	.2	.0	.0							1.1	2.0
NE	.4	.3	.2	.0	.0							.9	4.7
ENE	.5	.2	.1	.0	.0							.7	4.6
E	.5	.5	.3	.0	.0							1.3	5.1
ESE	.5	1.0	.9	.2	.0	.0						3.0	6.0
SE	3.4	6.2	7.5	3.6	1.0	.5	.1	.0				22.7	8.3
SSE	1.7	2.6	3.2	1.7	.4	.1	.0	.0				9.7	8.0
S	1.4	1.1	.9	.2	.0	.0	.0					3.5	5.7
SSW	.7	.4	.3	.1	.0	.0						1.6	5.1
SW	1.4	.8	.5	.1	.0	.0						2.6	4.7
WSW	.0	.0	.3	.1	.0	.0						1.8	5.0
W	.3	1.1	.7	.2	.0	.0						2.9	5.6
WNW	.0	.9	.9	.2	.0	.0						2.8	6.4
NW	1.4	2.2	2.9	1.0	.2	.0	.0					7.7	7.3
NNW	1.2	2.5	2.2	.6	.1	.0						6.8	6.4
VARBL													
CALM												27.4	
	17.4	22.4	22.1	8.2	1.8	.7	.1	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 70106

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIRCRAFT SERVICE AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247	WILLIAMS LAKE R. C. OUT APT	61-00	1958
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURES (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.6	.1	.0							3.3	4.5
NNE	.2	.1	.0									.3	3.8
NE	.2	.1	.0									.3	3.6
ENE	.1	.1	.0									.2	3.8
E	.2	.2	.1	.1								.5	3.8
ESE	.6	.7	.5	.1								1.8	5.2
SE	4.5	7.3	8.6	5.0	1.5	.9	.2					28.0	8.7
SSE	2.6	3.8	5.5	3.1	.9	.2	.1					15.2	8.6
S	.9	.7	.6	.1								2.2	5.3
SSW	.3	.2	.2	.1								.9	4.8
SW	.7	.3	.1	.0								1.1	3.5
WSW	.3	.2	.1									.5	4.3
W	.7	.8	.4	.1								2.0	5.0
WNW	.7	.7	.8	.3	.1							2.4	6.6
NW	1.7	1.9	2.4	1.0	.4	.2						7.8	7.8
NNW	1.4	2.9	2.5	.4	.2	.1						8.0	6.5
VARBL													
CALM												24.2	
	17.5	20.8	22.3	10.2	3.1	1.5	.3					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5952

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C DOT APT 61-68
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 54	55 - 63	64 - 72	73 - 81	82 - 90	91 - 99	TOTAL
N	1.4	1.1	.5	.1												3.1
NNE	.2	.1	.0													.3
NE	.4	.1	.0													.5
ENE	.2	.1	.0													.3
E	.3	.1	.0													.4
ESE	1.1	1.0	1.1													3.2
SE	3.6	7.1	.9													29.5
SSE	.0	.0	.0													10.7
S	.0	.0	.0		.0	.0										3.0
SSW	.0	.0	.0		.0	.0										1.2
SW	.0	.0	.0	.0	.0	.0										1.8
WSW	.0	.0	.0	.0	.0	.0	.0									1.3
W	.0	.0	.0	.0	.0	.0	.0	.0								2.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0							2.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						5.2
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					5.2
WINDY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.8
CALM	12.1	18.7	23.4	11.0	2.1	.7	.1	.0								100.0

TOTAL NUMBER OF OBSERVATIONS 5424

2

DATA PROCESSING
STATION
REPORT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
CROSS LAKE 3 C OUT APT

61-68

YEARS

AR

MORTH

ALL WEATHER

CLASS

ALL

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.1	.5	.2								3.0	4.9
NNE	.4	.2	.1									.7	4.0
NE	.2	.2	.1									.4	4.3
ENE	.2	.2	.1									.5	4.1
E	.4	.3	.3	.0								1.2	4.8
ESE	1.0	1.2	1.3	.3	.1	.1						3.9	6.8
SE	3.3	5.4	7.6	4.0	1.3	.8	.2	.0				22.6	8.9
SSE	1.7	3.1	5.0	2.4	.6	.3						13.0	8.6
S	1.0	1.1	1.6	.7	.1	.2						4.6	7.7
SSW	.6	.3	.4	.1	.1	.0						1.5	6.2
SW	1.1	.7	.8	.1		.0						2.8	5.6
WSW	.7	.7	.3	.1	.0							1.8	5.1
W	.6	.6	.4	.2								1.7	5.7
WNW	.3	.3	1.2	.3	.1	.0						2.9	7.2
NW	1.3	1.9	4.1	1.3	.3	.0						9.4	8.2
NNW	1.2	1.4	2.6	.6	.1	.0						6.0	7.1
VARBL													
CALM												24.0	
	15.6	19.4	26.2	10.8	2.3	1.4	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.8	.2	.1							5.3	6.1
NNE	.3	.3	.4	.1								1.1	6.3
NE	.2	.3	.1	.0								.7	5.3
ENE	.3	.2	.1									.7	4.7
E	.4	.3	.3	.1								1.1	5.5
ESE	.0	1.1	1.2	.3	.1							3.3	7.1
SE	1.9	4.7	7.4	2.6	.7	.2						17.4	8.1
SSE	1.4	2.3	2.9	1.1	.1							7.8	7.1
S	1.2	1.1	1.3	.3	.1	.1						4.0	6.5
SSW	.7	.7	.6	.2								2.2	6.0
SW	1.0	.9	1.1	.2	.1							3.8	5.5
WSW	1.1	.9	.5	.1	.1							2.6	5.3
W	1.2	1.7	1.5	.4	.0	.0						4.8	6.3
WNW	.0	1.1	1.5	.5	.0	.0						3.8	7.1
NW	1.5	2.6	4.9	1.9	.2	.1						11.3	7.9
NNW	1.5	2.9	3.2	1.0	.1							8.7	6.8
VARBL													
CALM												21.5	
	15.5	23.3	29.0	8.4	1.5	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

5759

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-01 DAY
 STATION STATION NAME YEARS MONTH
 ALL WEATHER ALL
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	1.7	.4	.1							5.9	5.9
NNE	.5	.7	.6	.1	.0							1.9	5.9
NE	.5	.6	.4	.1	.0							1.6	5.5
ENE	.4	.4	.4	.1	.0							1.3	6.1
E	.5	.7	.4	.1	.0							1.8	6.1
ESE	.6	.9	.8	.4	.1							2.8	7.0
SE	1.5	3.6	4.5	1.6	.3	.1	.0					11.4	7.7
SSE	1.2	1.5	1.8	.9	.2	.1						5.7	7.4
S	1.7	1.2	1.3	.3	.1	.0	.0					3.4	6.5
SSW	1.1	.7	.8	.2	.0							2.7	5.6
SW	1.6	1.6	.9	.1	.0							4.7	4.9
WSW	1.1	1.3	.7	.1	.0							3.2	5.1
W	1.3	1.9	1.4	.2	.0	.0						4.9	5.8
WNW	.7	1.5	1.1	.2	.1							3.6	5.1
NW	1.5	2.8	3.9	1.5	.1	.0						9.8	7.4
NNW	1.5	2.7	3.3	.6	.1							8.2	6.6
VARBL													
CALM												26.7	
	16.5	24.5	24.1	6.9	1.1	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE H C OUT APT
 STATION NAME

61-00
 YEARS

JUN
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.9	.4	.1							5.7	6.3
NNE	.7	.7	.5	.1	.0							2.0	5.2
NE	.7	.9	.5	.1								2.2	5.2
ENE	.0	.6	.3									1.4	4.5
E	.9	.7	.4	.0								1.8	5.0
ESE	.6	.9	.8	.3	.0							2.6	6.3
SE	1.7	3.3	3.8	1.6	.4							10.5	7.2
SSE	1.1	1.5	1.2	.6	.1	.0						4.5	6.7
S	1.1	1.4	.9	.1								3.5	5.3
SSW	.9	.6	.6	.6								2.2	5.4
SW	2.0	1.5	.8	.1	.0							4.4	4.7
WSW	1.3	1.1	.7	.1								3.1	4.8
W	1.5	1.5	1.2	.3	.0							4.4	5.5
WNW	1.0	1.3	1.2	.4	.1	.1						4.2	6.7
NW	1.8	2.7	3.9	1.5	.3	.1	.0					10.3	7.7
NNW	1.8	3.3	3.0	.9	.2	.0						9.1	6.8
VARBL													
CALM												28.0	
	18.6	24.1	21.5	6.5	1.1	.2	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

3759

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247	WILLIAMS LAKE B C OUT APT	61-69	101
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	2.0	.3	.0							6.6	5.7
NNE	.8	.7	.5	.1	.0							2.1	5.3
NE	.7	.7	.4	.0								1.8	4.9
ENE	.4	.4	.2	.1								1.1	5.4
E	.5	.9	.5	.1								2.0	5.3
ESE	.9	.8	.9	.3								2.9	6.2
SE	2.0	3.4	3.6	.9	.1	.1						16.1	6.6
SSE	.9	1.2	1.5	.4	.0	.0						4.1	6.8
S	1.4	1.3	1.1	.1	.0							4.0	5.2
SSW	.9	.4	.5	.1	.0							2.4	5.3
SW	1.7	1.4	.8	.2		.0						4.1	5.0
WSW	1.3	1.1	.5	.2	.1							3.1	5.3
W	1.4	1.6	.8	.1	.0							3.9	5.1
WNW	.7	1.1	.6	.1		.0						2.6	5.5
NW	1.6	2.7	2.5	.3	.1							7.2	5.0
NNW	1.7	3.2	2.6	.7	.1							8.2	5.3
VARBL													
CALM												33.6	
	18.4	23.9	19.2	3.9	.4	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

5952

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE R C OUT APT 61-68 AUG
 STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.6	1.1	.1	.0							5.9	4.9
NNE	.4	.7	.2	.0								1.8	4.2
NE	.4	.7	.4	.0								1.9	4.5
ENE	.0	.4	.1									1.4	3.8
E	1.0	1.0	.3	.1								2.4	4.6
ESE	1.1	1.1	.9	.1								3.2	5.3
SE	2.7	4.0	3.5	.7	.0							11.2	6.0
SSE	1.3	1.3	1.2	.2								4.6	5.5
S	1.0	1.1	.6	.0								3.4	4.4
SSW	1.2	.7	.2									2.1	3.8
SW	1.4	1.1	.3	.0								2.9	4.1
WSW	1.4	.6	.2	.1								2.4	4.3
W	1.3	1.1	.5	.1								3.1	4.5
WNW	1.1	.9	.6	.1	.0							2.6	4.0
NW	1.4	2.6	2.3	.3	.0	.0						6.4	6.1
NNW	1.2	3.0	2.0	.2		.0						6.7	5.6
VARBL													
CALM												37.9	
	21.2	23.8	14.6	2.0	.1	.0						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 5952

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DDT APT
STATION NAME

61-6H
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.9	.1		.0						3.5	5.2
NNE	.0	.4	.3	.1								1.3	5.0
NE	.4	.3	.0									.7	3.7
ENE	.3	.2										.5	3.4
E	.0	.6	.2		.0							1.4	4.6
ESE	1.0	1.1	.8	.2								3.0	5.4
SE	3.4	7.0	6.5	1.6	.1	.1						19.1	6.3
SSE	1.7	2.7	2.1	1.1	.2	.0						7.7	6.9
S	1.3	1.0	.6	.2	.1							3.2	5.3
SSW	.7	.3	.2	.1								1.2	4.5
SW	1.1	.4	.2	.0								1.7	4.1
WSW	.7	.5	.2	.1								1.4	4.3
W	.0	.9	.5	.2	.0							2.1	5.8
WNW	.4	1.0	.9	.2	.0							3.0	5.9
NW	1.5	2.6	3.3	1.0	.1							8.6	7.0
NNW	1.0	2.9	2.3	.5	.1							7.6	6.1
VARBL													
CALM												33.9	
	10.3	23.1	18.8	5.3	.5	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

3700

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE H C DUT APT 61-04 CT MONTH
STATION NAME YEARS
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.0	.4	.2	.0							1.9	5.6
NNE	.2	.2		.0								.5	3.7
NE	.4	.1	.1									.6	3.4
ENE	.2	.1	.0									.3	3.6
E	.2	.3	.2	.2								1.0	4.6
ESE	.0	1.1	.8	.3	.0							3.0	5.9
SE	2.2	11.2	12.0	7.2	2.1	.4	.1					34.5	8.4
SSE	2.4	4.4	4.7	3.9	1.2	.3	.0					16.9	8.9
S	1.7	1.3	1.0	.2	.0							4.2	5.3
SSW	.2	.4	.1	.0								1.0	4.5
SW	1.3	.2	.2	.1								1.7	4.3
WSW	.4	.2	.2	.1	.0							1.1	5.6
W	.6	.6	.6	.2	.1							2.7	5.9
WNW	.2	.2	.4	.1								1.3	6.3
NW	.6	1.1	1.0	.2	.1							3.3	6.3
NNW	.6	1.1	.9	.3	.0							2.9	6.2
VARBL													
CALM												19.6	
	16.9	24.9	22.6	12.9	3.4	1.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5952

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE E C OUT APT YEARS 61-68 MONTH NIV
CLASS ALL WEATHER MONTH ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.4	.0								2.5	4.4
NNE	.2	.1	.1									.4	4.7
NE	.1	.1										.2	3.1
ENE	.1	.1										.1	3.3
E	.4	.4	.1									.7	4.7
ESE	.9	1.5	.9	.2								3.5	5.4
SE	5.5	10.2	12.0	6.0	2.1	.9	.2	.1				37.2	8.5
SSE	1.0	3.3	4.2	2.0	.7	.1	.0	.0				12.4	8.2
S	1.0	1.1	.7	.1		.0						3.0	5.3
SSW	.5	.3	.1									.9	3.7
SW	.6	.5	.1	.0								1.4	3.9
WSW	.3	.1	.1									.5	4.2
W	.0	.4	.4	.1								1.5	5.4
WNW	.4	.8	.5	.3	.0							2.1	6.7
NW	1.1	1.7	2.0	.7	.2	.0						5.7	7.3
NNW	1.2	2.2	1.4	.5	.1	.0						5.4	6.5
VARBL													
CALM												22.7	
	15.7	24.0	22.9	9.9	3.1	1.1	.3	.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 5760

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C OUT APT YEARS 61-65 DEC
MONTH
CLASS ALL WEATHER ALL
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.0	.2	.0		.0					4.2	5.4
NNE	.2	.0	.1									.3	3.9
NE	.2	.0	.1	.0								.3	4.4
ENE	.1	.1	.0									.2	3.6
E	.2	.1	.2									.6	5.4
ESE	.8	.7	.5	.1	.0							2.1	5.4
SE	4.7	6.9	9.6	6.0	2.2	1.4	.4	.1				31.2	9.4
SSE	2.2	3.1	2.8	2.4	.6	.3	.1	.0				12.5	8.5
S	1.0	.8	.4	.2								2.4	5.3
SSW	.2	.2	.1	.0	.0							.7	5.4
SW	.7	.2	.1									.9	3.4
WSW	.2	.1	.1									.5	3.9
W	.6	.7	.3	.1	.0							1.8	5.3
WNW	.2	.4	.6	.2		.0						2.0	6.1
NW	1.4	1.9	2.4	1.0	.2	.1						6.9	7.3
NNW	2.0	2.2	1.3	.3	.0	.0						5.8	5.4
VARBL													
CALM												27.5	
	16.0	19.5	20.4	10.5	3.1	1.8	.5	.1				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5932

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247

WILLIAMS LAKE B C DUT APT

61-66

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.1									2.2	4.4
NNE	.3											.3	2.5
NE	.5	.1	.1									.8	3.8
ENE	.4	.3										.7	3.8
E	.1	.1	.3									.5	6.5
ESE	.6	.8	.3	.1								2.5	4.7
SE	4.2	6.2	8.3	5.0	1.1	.8	.3					25.8	8.8
SSE	2.6	4.2	6.2	2.6	.9	.3	.1					16.7	8.3
S	.3	.7										.9	4.1
SSW	.3	.3	.4									.9	4.9
SW	.5	.4	.1									1.1	4.1
WSW	.4	.3										.7	3.2
W	1.2	.8										2.0	3.6
WNW	.6	.4	.8	.1								2.2	5.9
NW	2.4	1.2	1.9	1.2	.7	.4						7.8	8.6
NNW	1.6	3.4	2.0	.9	.1	.3						7.9	6.6
VARBL													
CALM												27.6	
	17.1	20.4	20.6	9.6	2.4	1.7	.4					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247	WILLIAMS LAKE A C OUT APT	61-68	JAN
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0300-0500
CLASS			HOURS (L & T)
CORRECTION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.4									3.1	4.2
NNE	.1	.1	.1									.4	5.3
NE	.5	.3	.1									.9	3.7
ENE													
E			.3									.3	8.0
ESE	.4	.3		.1								.8	5.0
SE	6.2	6.7	7.7	4.4	2.3	1.3						27.6	8.6
SSE	2.0	4.6	5.0	4.0	.7	.3						17.1	8.6
S	.4	.9	.4	.1								2.4	4.8
SSW	.3	.1	.1									.8	3.8
SW	.3	.4	.1									.7	4.2
WSW		.3										.3	5.0
W	.8	.7	.4									1.9	4.8
WNW	.4	.7	.9	.3	.1							2.4	8.0
NW	.8	1.3	1.6	1.7	.1	.3						6.0	9.1
NNW	2.0	2.4	1.6	.4	.4	.1						7.5	6.3
VARBL													
CALM												26.6	
	17.1	20.0	18.8	11.2	3.6	2.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE S C BDT APT 61-68
STATION STATION NAME YEARS
CLASS
CONDITION
JAN
0600-0400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.5	.9									4.3	4.1
NNE	.1	.1	.1									.4	5.0
NE													
ENE													
E	.3	.3										.5	3.3
ESE	.5		.1									.7	3.6
SE	4.4	7.0	7.3	4.2	1.7	1.3	.1					26.1	8.9
SSE	3.4	4.2	6.2	3.9	1.2	.5	.1					19.5	8.8
S	1.1	.9	.3									2.4	3.9
SSW	.3											.3	2.5
SW	1.0	.4	.1									2.2	3.3
WSW	.4	.1										.5	2.8
W	1.2	.5	.4									2.7	4.1
WNW	1.1	.7	.5	.1								2.4	5.1
NW	1.1	1.3	3.2	.7	.3	.3						5.9	8.4
NNW	1.9	1.9	2.4	.4	.1	.1						6.9	6.7
VARBL													
CALM												25.0	
	20.2	18.0	21.6	9.3	3.4	2.3	.3					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION 25247 STATION NAME WILLIAMS LAKE B C OUT APT 61-01 YEARS 61-01 MONTH JAN
 CLASS ALL WEATHER HOURS (LST) 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.1	.1									3.1	3.6
NNE	.4	.1										.4	3.7
NE													
ENE													
E	.3											.3	2.5
ESE	.1	.7	.5									1.3	6.2
SE	4.3	8.7	11.3	6.5	1.9	.9	.1					33.7	8.8
SSE	2.3	3.1	3.8	2.2	1.9	.3	.3					13.7	9.5
S	1.7	.4	.7	.1								3.0	4.3
SSW	.1		.1									.3	5.0
SW	.3	.1										.7	2.8
WSW	.4	.1										.5	3.5
W	.1	.3	.4									1.1	4.9
WNW	.3	.9	.7	.4								2.3	7.2
NW	1.9	2.6	3.1	.8	.7	.3						9.3	7.6
NNW	1.1	3.2	2.3	.5								7.1	6.3
VARBL													
CALM												23.3	
	15.2	21.6	23.0	10.5	4.4	1.3	.4					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-66 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.8									3.4	4.6
NNE	.1											.1	3.0
NE													
ENE	.1		.1									.3	5.0
E													
ESE	.7	.7	.8									2.2	5.7
SE	4.0	8.3	8.6	7.5	1.1	.3	.3					30.7	8.6
SSE	1.6	3.8	5.8	4.6	.4		.5					16.7	9.4
S	.4	.5	1.5	.3								7.7	6.9
SSW	.7	.1	.3									1.1	4.3
SW	.9	.3	.1									1.3	3.6
WSW	.4	.1	.3									.4	4.5
W	.4	.8	.3	.1								1.3	6.0
WNW	.6	.3	1.1	.3	.3							2.7	7.7
NW	1.6	3.4	3.0	1.1	.5							9.5	7.3
NNW	2.7	2.7	3.4	.4	.3							9.6	6.3
VARBL													
CALM												15.3	
	15.0	22.3	25.9	14.2	2.0	.3	.8					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 ETAC/USA
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE R C OUT APT
 STATION NAME

61-68
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.7	1.1	.3	.1							3.7	5.9
NNE	.1	.3										.4	3.7
NE	.1											.1	3.0
ENE													
E	.4			.4								.8	7.8
ESE	1.1	1.2	.7									3.0	5.1
SE	4.6	9.2	9.1	4.4	1.1	.9	.3					29.3	8.0
SSE	2.7	2.0	5.4	2.8	.9	.4						15.6	9.2
S	.5	.9	1.2	.3								3.0	6.8
SSW	.4	.3	.1	.3								1.6	5.6
SW	1.1	.3										1.3	2.8
WSW	.7	.3	.1									1.1	3.9
W	.5	.7	.5	.1								1.9	3.9
WNW	.7	.8	1.2	.1								2.8	6.0
NW	3.7	2.0	3.0	.4	.5	.1						9.0	6.7
NNW	2.2	3.4	3.1	.1	.1	.1						9.0	6.3
VARBL													
CALM												19.2	
	19.6	22.0	25.5	9.3	2.6	1.2	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/DAW

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247	WILLIAMS LAKE U C OUT APT	61-58	JAN
STATION	STATION NAME	YEARS	NORTH
ALL WEATHER			1800-2000
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	.8	.1								3.8	4.9
NNE	.3											.3	2.0
NE	.3	.1										.4	3.3
ENE	.3											.3	3.0
E	.4	.4	.3	.1								1.2	5.1
ESE	.7	.3	.8	.1								1.9	6.1
SE	4.7	5.1	7.9	4.4	1.3	1.1						24.6	8.8
SSE	4.3	4.6	5.1	2.3	.8							17.1	7.2
S	.7	.5	.3									1.7	4.5
SSW	.4	.4	.3	.3								1.3	6.5
SW	.5	.1										.7	3.0
WSW	.4		.4									.8	6.0
W	.6	1.2	.7	.3								3.0	5.7
WNW	.9	.7	.7	.3								2.6	6.2
NW	2.4	1.1	1.5	.9	.3	.3						6.5	7.6
NNW	1.9	2.7	3.0	.5	.4							8.5	6.6
VARBL												25.5	
CALM													
	20.7	18.5	21.6	9.4	2.8	1.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE 3 C DUT APT 61-68 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.5									2.4	4.3
NNE	.1											.1	3.0
NE	.1	.1										.3	3.5
ENE	.3	.1										.4	3.3
E		.4	.1									.5	3.5
ESE	.7	1.9	.4									3.0	4.8
SE	3.5	7.3	8.6	3.6	1.6	1.1	.1					25.8	8.7
SSE	1.9	4.2	6.5	2.4	.7	.1						15.7	8.1
S	1.1	.4	.3	.1								1.9	4.8
SSW	.7		.1									.1	2.2
SW	.4			.1									1.3
WSW			.1									.1	9.0
W	.4	1.3	.5									2.8	4.5
WNW	.4	.9	.4	.4								2.2	6.6
NW	1.7	2.2	2.0	.9	.3	.3						7.4	7.6
NNW	1.1	3.8	2.0	.5	.1	.1						7.7	6.6
VARBL													
CALM												28.4	
	14.1	23.3	21.6	8.2	2.7	1.6	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DOT APT
STATION NAME61-68
YEARSFEB
MONTH0000-0200
HOURS (L.S.T.)ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	.7	.1								3.2	5.1
NNW	.6											.4	2.3
NE	.1	.1										.3	4.5
ENE		.3										.3	4.5
E	.4	.1										.6	3.5
ESE	1.0	.7	.3	.3								2.9	5.1
SE	4.7	6.9	12.5	6.2	.6		.4					31.4	8.3
SSE	1.9	1.9	3.5	1.9	.4							9.7	7.9
S	1.5	.4	.3	.1								2.4	4.1
SSW	.1	.1	.1									.4	4.3
SW	.9	.1	.1									1.2	3.4
WSW	.7	.3										1.0	3.3
W	1.0	1.0	.1	.1								2.4	4.6
WNW	.9	.6	1.2	.7								3.4	7.3
NW	1.0	1.2	2.5	.1								4.9	6.6
NNW	1.0	1.3	1.2	.4								4.0	6.1
VARBL													
CALM												31.3	
	17.7	16.7	22.7	10.2	1.0		.4					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C OUT APT
 STATION NAME

61-68
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

0200-0500
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	1.2									3.4	5.4
NNE		.1										.1	4.0
NE	.6	.1										.7	2.8
ENE	.1											.1	3.0
E													
ESE	1.2	.7	.4									2.4	4.3
SE	4.4	8.6	9.4	6.3	.6	.6						29.9	8.3
SSE	2.4	1.5	4.7	2.2	.4	.3						11.4	8.6
S	1.5	.9	.7									3.1	4.5
SSW	.7	.4	.1	.1								1.5	4.9
SW	.7	.4	.1									1.3	4.8
WSW	1.2	.1										1.3	3.0
W	.4	1.3	.3									2.1	4.5
WNW	.3	.6	.7	.1								1.8	6.5
NW	.4	1.2	1.3	.1	.1							3.2	7.4
NNW	.9	1.5	1.6	.4								4.4	6.3
VARBL													
CALM												33.2	
	15.9	18.6	20.8	9.4	1.2	.9						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DUT APT
STATION NAME61-64
YEARSFE 13
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9										1.5	3.5
NNE													
NE	.1											.1	2.0
ENE	.2	.1										.4	3.3
E			.3									.3	7.0
ESE	.6	1.2	.4	.1								2.4	5.3
SE	4.0	8.6	9.7	7.2	1.5	.6						31.6	8.6
SSE	1.8	2.8	3.1	1.8	.4							9.9	7.7
S	1.4	.7	.6									2.7	4.4
SSW	.7		.1									.9	3.5
SW	.7	.3	.1									1.2	3.6
WSW	1.0	.6	.1									1.8	3.6
W	.7	.9	.4									2.1	4.7
WNW	.4	.4	.7									1.6	5.5
NW	.6	.6	1.3	.3	.1							2.9	7.5
NNW	1.2	1.9	1.5		.1							4.7	5.8
VARBL													
CALM												36.0	
	14.2	19.0	18.6	9.4	2.2	.6						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.3	.4	.1								1.9	5.1
NNE													
NE													
ENE	.1											.1	3.0
E	.1	.3										.4	3.7
ESE	1.3	1.6	1.8	.4								5.2	6.0
SE	3.4	8.0	12.4	6.2	1.0	.6						31.6	8.7
SSE	2.9	2.2	5.9	1.5	1.2	.3						14.0	8.3
S	1.5	2.2	.4	.1								4.3	4.8
SSW	.9	.6	.4									1.9	4.8
SW	.6	.6	.3									1.5	4.6
WSW	.9	.3	.3									1.5	4.2
W	.7	.4		.1								1.3	4.6
WNW	.1	.4	.9	.1		.1						1.8	8.3
NW	.7	.9	1.6	.3								3.5	6.9
NNW	.9	.9	1.9	1.2								4.9	8.0
VARBL													
CALM												26.1	
	15.3	18.7	26.4	10.2	2.2	1.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSFEB
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4									1.5	5.2
NNE	.1		.1									.3	5.0
NE	.1											.1	3.0
ENE	.1	.1										.3	4.0
E	.3	.1	.1									.6	5.3
ESE	1.0	2.4	1.6									5.0	5.4
SE	1.3	6.2	10.0	8.3	1.6	1.0						28.8	10.0
SSE	1.8	2.7	4.3	3.7	.9							13.3	8.9
S	1.0	1.2	1.2		.1							4.1	5.4
SSW	.9	.7	.3									1.9	4.5
SW	1.2	1.6	.9	.1	.1							4.0	5.7
WSW	.9	.3	.7									1.9	5.3
W	.3	.6	.7	.3	.3	.3						2.5	10.4
WNW	.1	.9	1.2	.1	.1							2.5	7.9
NW	1.2	1.3	2.7	.9	.3							6.4	7.8
NNW	.4	1.3	2.7	.6	.1							5.2	7.6
VARBL													
CALM												21.5	
	12.4	19.9	27.0	14.0	3.8	1.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE H C OUT APT
STATION NAME

61-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	.4	.1								2.2	5.1
NNE	.3	.3										.6	3.3
NE													
ENE	.1	.1	.3									.6	6.0
E	.7	.1	.1									.9	3.8
ESE	1.3	1.8	1.8		.1							5.0	5.8
SE	3.1	6.9	8.1	6.0	2.8	.6	.3					27.9	9.6
SSE	1.2	2.8	3.4	2.4								9.7	7.8
S	1.0	.6	.9	.3	.1							2.9	6.9
SSW	.4	.4										1.3	3.7
SW	1.0	.6	.4									2.1	4.2
WSW	.1	.1	.3			.1						1.0	10.4
W		.7	1.2	.9	.3							3.1	10.0
WNW	.3	1.3	1.2	.6		.1						3.5	8.0
NW	1.0	3.2	2.8	.6	.3							8.6	6.6
NNW	1.4	2.6	2.2	1.5								8.0	6.8
VARBL													
CALM												22.6	
	14.3	22.2	23.2	12.7	3.7	.9	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-66
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.8	.3	.3								5.6	4.5
NNE	.4											.4	2.7
NE	.6	.3	.1									1.0	3.7
ENE	.4	.1										.5	3.3
E	.1											.1	3.0
ESE	1.2	1.6	1.6	.4								4.9	6.2
SE	2.2	5.5	9.4	6.0	1.2	.7	.1					25.2	8.5
SSE	1.5	1.2	2.9	1.9	.1							7.7	8.3
S	.7	.4	.7	.1	.1							2.2	7.0
SSW	.1	.1	.3	.3								.9	8.2
SW	1.2	.6		.1								1.9	4.3
WSW	.3	.1	.3	.3								1.0	7.9
W	.6	.7	.9	.3								2.5	6.8
WNW		1.0	1.6	.7								3.4	8.3
NW	.7	2.1	3.1	.9								6.5	7.2
NNW	2.0	1.5	1.3	.9								6.5	5.8
VARBL													
CALM												29.5	
	15.2	18.1	22.7	12.1	1.2	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

678

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR ENTER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C HUT APT 61-68 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.6	.4	.1								4.4	4.2
NNE		.1										.1	4.0
NE	.4	.1	.1									.5	4.5
ENE													
E	.4	.1	.3									.9	4.8
ESE	.7	.9	1.0	.6								3.2	6.5
SE	3.5	6.2	13.6	4.3	.9	.4	.1	.3				29.4	8.8
SSE	1.6	2.2	3.4	2.2	.1							9.5	7.9
S	1.3	.6	.3	.3								2.7	4.8
SSW	.4	.3	.3									1.0	4.3
SW	.7	.3	.3									1.3	4.2
WSW	.3		.3									.6	6.3
W	.6	1.0	.4	.4								2.5	6.2
WNW	.6	.6	1.2	1.2								3.5	8.4
NW	1.5	.4	3.1	.6	.1							5.4	7.5
NNW	.9	1.3	1.0	.6								3.8	6.5
VARBL													
CALM												30.5	
	15.4	15.9	25.8	10.3	1.2	.4	.1	.3				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 678

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR ENTER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 WILLIAMS LAKE B C OUT APT STATION NAME 61-60 YEARS MONTH AK
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.4	.1								3.3	4.9
NNE	.4		.1									.5	3.5
NE	.3	.3	.1									.7	4.8
ENE	.3											.4	3.7
E	.4	.1										.5	4.0
ESE	.7	.4	1.1	.1								2.3	6.4
SE	3.9	6.7	7.1	3.1	1.2	.7						22.7	8.1
SSE	2.4	4.4	5.1	2.0	.4							14.4	7.4
S	1.1	1.1	.9	.1	.1	.3						3.2	7.2
SSW	.4			.3								.7	6.6
SW	1.1	.1	.1									1.3	3.2
WSW	.7	.5										1.2	3.2
W	.8	.4	.5	.1								1.9	5.3
WNW	.5	.7	.8	.1	.1							2.3	6.7
NW	1.2	1.3	3.2	1.6	.4							7.5	8.6
NNW	.7	1.1	1.5	1.1								4.4	7.7
VARBL													
CALM												32.0	
	16.4	18.5	21.1	8.7	2.3	.9						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247

WILLIAMS LAKE R C DRIT APT

01-68

AR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9	.3									2.6	4.0
NNE	.1	.3										.4	4.0
NE													
ENE	.2	.1										.4	3.3
E	.7	.3	.3									1.2	4.0
ESE	1.3	.5	.9			.3						3.1	6.3
SE	4.6	6.6	8.6	2.8	1.3	.7						24.6	8.0
SSE	2.2	3.6	3.4	1.9		.1						11.2	7.2
S	.9	1.1	.9	.7	.1	.3						4.0	8.1
SSW	.3		.1									.4	4.0
SW	1.5	.1	.1									1.7	3.2
WSW	1.2	.7	.1	.1								2.2	4.0
W	.3	.5	.3	.1								1.3	5.0
WNW	.7	.8	.7	.4								2.6	6.3
NW	.7	2.0	2.7	2.6	.3							8.2	8.8
NNW	1.1	.8	1.3	.4								3.5	6.2
VARBL													
CALM												32.4	
	17.3	18.4	19.8	9.0	1.7	1.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USA/
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75247 WILLIAMS LAKE S C OUT APT 61-65 YEAR
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0600-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.8	.1									2.4	3.6
NNE	.1											.1	2.0
NE	.3											.3	3.0
ENE	.3											.3	3.0
E	.4	.1										.4	3.0
ESE	.9	1.1	.8			.3						3.1	6.8
SE	5.1	8.5	6.6	4.3	.6	1.2	.3					26.7	8.2
SSE	2.4	3.1	4.3	2.2	.3							12.2	7.6
S	1.1	.7	.7	.3		.4						3.1	7.6
SSW	1.2	.1	.1									1.5	3.5
SW	1.1	.6	.1									2.0	3.7
WSW	1.1	.7	.3									2.0	4.1
W	.3	.4										.7	4.0
WNW	.4	.8	.8	.4								2.4	6.8
NW	1.5	1.5	3.5	1.5								7.9	8.0
NNW	1.1	1.5	1.6	.3								4.4	6.1
VARBL													
CALM												30.4	
	18.2	20.0	19.0	8.9	1.1	1.9	.3					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 744

USA

15 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

MAR
 MONTH

ALL WEATHER
 CLASS

0900-1100
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.3									1.6	4.9
NNE	.1	.1	.1									.4	4.3
NE													
ENE													
E		.4	.1									.5	6.0
ESE	1.2	2.0	1.7	.3								5.2	5.9
SE	3.5	5.0	9.8	4.3	1.9	1.3	.4	.1				26.3	9.9
SSE	1.2	2.3	5.6	2.8	1.1	.3						13.3	6.6
S	1.7	1.2	2.6	.7		.3						6.3	7.5
SSW	1.4	.7	.3		.1							2.3	4.8
SW	2.3	1.3	1.5	.1								5.2	5.0
WSW	.4	.4	.1									.9	4.4
W	.4	.4	.1									.9	4.6
WNW	.3	.8	.9									2.0	5.9
NW	1.3	1.9	5.0	2.2								10.3	7.8
NNW	1.2	2.0	2.3	1.2								6.7	7.1
VARBL													
CALM												17.5	
	15.6	19.4	30.5	11.6	3.1	1.9	.4	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C DIT APT 61-68
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
-AR
NORTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	1.1	.3								2.8	6.4
NNE	.3	.3	.1									.7	4.8
NE	.1	.3										.4	4.7
ENE	.1	.4										.5	4.3
E	.3	.7	.1									1.1	4.3
ESE	1.3	1.2	2.3	.5	.4	.3						8.7	8.0
SE	1.5	3.6	8.6	5.2	1.9	1.1	.4	.1				22.4	10.8
SSE	.7	2.3	5.4	3.6	1.2	.5						13.4	10.4
S	.5	1.6	2.2	1.5								5.4	8.0
SSW	.7	.8	.5	.3	.3	.1						2.7	8.6
SW	.7	.8	.9	.1		.1						2.7	7.3
WSW	.9	1.3	.8	.1								3.7	5.3
W	.5	.3	.9	.7								2.7	7.9
WNW	.3	.9	1.3	.4								3.0	7.7
NW	.7	2.7	4.6	1.7	.5							10.2	8.5
NNW	.7	2.2	5.0	.7	.1							8.6	8.0
VARBL													
CALM												13.7	
	9.6	20.6	33.9	14.9	4.4	2.2	.4	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE R C BUT APT
STATION NAME

61-68
YEARS

AR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.5	.3								2.0	6.5
NNE	.7	.7	.3									1.6	4.5
NE	.3	.4	.3									.9	5.4
ENE	.1	.4	.4									.9	6.1
E	.4	.9	.5									1.9	5.6
ESE	.9	.9	1.3	.5	.1							3.9	7.4
SE	2.4	4.3	7.0	5.1	1.5	.8	.1					21.2	9.7
SSE	.7	2.4	5.1	3.0	.8	.3						12.2	9.9
S	.4	.7	2.4	1.5	.1							9.1	9.5
SSW	.1	.5	.8	.3								1.7	7.5
SW	.4	.7	1.6	.5		.1						3.4	8.3
WSW	.4	.8	.7	.5	.1							2.6	8.1
W	.4	1.1	.5	.4								2.4	6.7
WNW	.4	.5	2.2	.5	.1	.3						4.0	9.4
NW	2.6	2.2	5.8	2.4	.4	.1						13.4	8.1
NNW	1.7	.9	4.2	1.2	.3	.1						8.5	8.2
VARBL													
CALM												14.1	
	12.4	18.3	33.6	16.3	3.5	1.7	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-66 MARK MONTH 1800-2000
STATION NAME YEARS HOUR (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.9	.7	.3								5.2	4.4
NNE	.4	.3										.7	3.6
NE	.4	.3										.7	3.6
ENE	.3	.4										.7	3.4
E	.5	1.1	.8									2.4	5.4
ESE	.9	2.6	1.1	.5		.1						5.2	6.3
SE	2.7	3.1	3.9	3.8	1.1							16.3	8.4
SSE	2.2	3.2	4.7	2.0	.7	.4						13.2	8.3
S	.9	1.6	1.5	.7								4.7	6.9
SSW	.3	.4	.7									1.3	6.5
SW	.9	.8	1.9									3.6	6.0
WSW	.5	.5	.4	.3								1.7	6.0
W	.7	.5	.3									1.5	4.5
WNW	.7	1.6	2.2	.1	.1							4.7	6.9
NW	1.7	1.9	4.0	1.5								9.1	7.5
NNW	1.7	1.5	2.3	.3								5.8	6.1
VARBL													
CALM												22.8	
	17.3	21.6	26.3	9.4	1.9	.5						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

YEAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.1	.7	.3								4.4	4.7
NNE	.8	.3										1.1	3.1
NE	.4	.1										.3	2.8
ENE	.5											.5	2.8
E	.7	.4	.1	.1								1.3	4.6
ESE	.7	.5	.8	.3								2.3	6.1
SE	2.7	5.5	7.5	3.2	.8	.3						20.0	8.0
SSE	2.0	3.6	6.0	1.9	.4	.4						14.4	8.1
S	1.3	.9	1.6	.3	.1							4.3	6.3
SSW	.5	.1	.5									1.2	5.6
SW	.7	1.1	.4									2.2	4.8
WSW	.4	.3										.7	3.4
W	.9	.9	.5									2.4	4.9
WNW	.8	.3	.7	.3								2.0	6.2
NW	.6	1.7	3.8	1.3	.4							8.1	8.3
NNW	1.3	1.6	2.8									5.8	6.2
VARBL													
CALM												28.8	
	17.1	18.3	25.5	7.7	1.7	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.2									4.6	5.1
NNE	.3	.3	.1	.1								.8	5.8
NE		.1										.1	4.0
ENE	.3											.3	3.0
E	.1	.1										.3	2.5
ESE	1.2	1.5	.7									3.5	4.5
SE	2.2	6.1	7.2	2.5	.6							18.6	7.5
SSE	2.1	2.9	3.1	.0								8.6	6.3
S	.6	.4	.4									1.4	5.5
SSW	.4	.1		.1								.7	5.2
SW	1.5	.4	.1									2.1	3.5
WSW	1.4	.7	.1									2.2	3.9
W	2.4	1.9	.8	.4								5.6	4.9
WNW	1.0	1.8	.7									3.5	4.6
NW	1.0	2.6	2.9	.8	.3							7.6	7.2
NNW	1.8	3.6	3.3	.6								9.3	6.2
VARBL													
CALM												30.8	
	17.4	25.0	20.8	5.1	.8							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C DUT APT 61-6A APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0900
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.7	.1								3.6	6.3
NNE		.1										.1	4.0
NE	.3	.3										.6	3.3
ENE													
E	.1	.4	.1									.7	4.6
ESE	1.1	1.2	.6									2.9	4.8
SE	4.7	6.4	9.4	1.8	.8							23.2	7.0
SSE	1.7	2.1	1.9	1.1								6.8	6.6
S	1.5	.3	.1									1.4	3.6
SSW	.4	.3										.7	3.2
SW	2.8	.3	.1									3.2	3.0
WSW	1.4	.3	.3									1.9	3.9
W	1.4	1.4	.6									3.3	4.4
WNW		.7	1.1	.1								1.9	7.5
NW	1.5	3.2	2.8	1.5								9.0	7.1
NNW	1.2	1.9	2.4	1.1								6.7	6.9
VARBL													
CALM												33.9	
	18.2	20.1	21.1	5.8	.8							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-06 YEARS APR MONTH
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.0	.3								3.5	5.5
NNE	.3	.4		.1								.9	5.2
NE	.3	.1										.4	3.0
ENE			.1									.1	9.0
E	.3	.1	.1									.6	5.0
ESE	.1	1.0	.7	.1								1.9	6.6
SE	3.1	7.6	8.9	1.5	1.0	.3						22.4	7.1
SSE	2.6	2.9	3.1	1.1								9.7	6.5
S	1.2	.8	.3									2.4	4.1
SSW	1.2	.4	.1	.1								1.9	4.2
SW	1.1	.6	.1	.1	.1							2.1	5.3
WSW	1.3	.6	.1									2.2	3.9
W	1.4	.7	.7									2.6	4.4
WNW	.1	1.5	.7									2.4	6.3
NW	1.9	2.2	4.9	1.7	.1							10.8	7.6
NNW	1.9	3.3	2.4	.6								8.2	5.9
VARBL													
CALM												27.9	
	18.2	23.5	22.2	5.7	1.2	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25247
STATION

VILLIAMS LAKE B C DUT APT
STATION NAME

61-68
YEARS

1PR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.8	.1								4.0	6.1
NNE		.1	.7									.8	7.2
NE	.3	.1	.1									.6	4.8
ENE			.3									.3	9.5
E	.3	.1	.6	.1								1.1	6.9
ESE	.8	1.4	2.6	.7								5.6	7.3
SE	1.4	3.3	8.9	4.7		.7						19.7	9.5
SSE	1.0	2.4	3.9	1.3	.3							8.8	7.8
S	1.3	1.4	1.5	.3	.4							4.9	6.9
SSW	.6	1.1	1.3	.6								3.8	6.7
SW	1.1	1.3	1.5	.1								4.0	5.9
WSW	.1	1.7	.3	.1								2.2	5.5
W	.3	1.8	1.5	.4								4.0	7.2
WNW	.8	.7	1.8	.6								3.9	6.8
NW	2.1	1.9	7.5	2.8	.1							14.5	8.2
NNW	1.0	2.5	4.2	1.0								8.6	7.2
VARBL													
CALM												13.2	
	12.4	20.9	38.5	12.8	1.3	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 719

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-65
YEARSAPR
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	2.4	.1	.1							5.7	6.8
NNE	.4	.4	.6	.1								1.5	6.3
NE		.4		.1								.6	6.3
ENE	.5	.6	.3									1.1	5.3
E	1.2	.1	.7	.1								2.5	5.4
ESE	.3	1.0	2.1	.6	.3							4.7	8.7
SE	.8	2.8	7.5	3.3	1.1							15.6	9.4
SSE	.6	2.2	3.9	2.4	.1							9.2	8.6
S	.7	.4	2.9	.8	.1	.3						5.3	9.0
SSW	.4	.7	1.0	.1								2.1	7.1
SW	.6	1.1	1.9	.4	.3							4.6	7.8
WSW	.4	1.1	1.1	.6	.1							3.3	8.1
W	1.1	2.5	2.6	1.1	.1							7.5	7.4
WNW	.7	.3	2.4	.8	.1	.1						4.4	9.0
NW	1.1	2.4	6.8	3.7	.3							14.3	8.9
NNW	.7	1.5	4.4	1.4	.3							8.3	8.2
VARBL													
CALM												9.9	
	10.4	19.9	40.6	15.8	3.1	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C OUT APT YEARS 61-62 MONTH APR
 CLASS ALL WEATHER HOURS 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	2.9	.7	.6							6.9	7.9
NNE	.4	.4	1.4	.4								2.6	7.6
NE	.4	.4	.7	.1								1.7	6.8
ENE	.4	.6										1.0	3.9
E		.4	.4	.1								1.0	7.9
ESE	.1	.8	1.9	.8	.4							4.7	9.4
SE	.6	2.8	5.1	2.8	.7	.3						12.5	9.3
SSE	.7	1.9	3.1	.8								6.5	7.3
S	1.0	1.4	2.8	.6	.1	.1						6.8	7.1
SSW	.1	.7	1.7	.4								2.9	8.3
SW	1.5	1.2	2.6	.4								5.8	6.5
WSW	1.2	.7	1.0	.3	.3							3.2	6.9
W	.8	1.9	2.9	.8		.3						6.8	7.8
WNW	.1	1.0	1.8	1.5		.1						4.6	9.9
NW	.8	3.2	8.1	2.8	.3	.1						15.3	8.6
NNW	1.2	2.1	3.5	1.4	.3							8.4	7.9
VARBL													
CALM												9.7	
	11.7	21.1	39.9	14.0	2.6	1.0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5247
STATION

WILLIAMS LAKE H C OUT APT
STATION NAME

61-68
YEARS

APR
MONTH

ALL WEATHER
CLASS

1000-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	1.9	.4								8.2	5.6
NNE	.1	.7	.4									1.8	4.8
NE	.3	.8	.1									1.2	4.7
ENE	.7	.7	.4									1.8	4.7
E	.7	.6	.6									1.8	4.8
ESE	.3	.7	1.0	.4								2.4	7.8
SE	1.1	2.8	6.4	2.1	.4							12.6	8.3
SSE	.4	1.2	2.2	.7								5.0	7.5
S	1.2	1.9	1.9	.6								5.7	6.4
SSW	1.1	1.4	.8	.1								3.5	5.6
SW	1.4	.6	1.1	.1								3.1	5.6
WSW	1.4	1.4	.8									3.5	4.8
W	1.1	1.7	1.5	.7								5.0	6.3
WNW	1.3	1.4	2.1	.6								5.6	6.4
NW	1.3	3.2	4.3	.8	.4	.3						10.6	7.7
NNW	1.8	3.1	2.9	1.4								9.2	6.9
VARBL													
CALM												19.2	
	17.4	25.8	28.6	7.9	.8	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USA
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C MPT APT 61-68
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
APR
MONTH
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.7	1.4									6.1	5.2
NNE	.1	.1	.1	.1								.6	6.5
NE		.1										.1	6.0
ENE	.1	.1										.1	5.2
E		.7	.1									.8	5.0
ESE	.0	1.2	.3	.1								2.1	5.6
SE	1.4	5.6	5.4	1.8	.1							14.3	7.2
SSE	1.0	2.8	2.2	.6	.1							7.5	6.2
S	1.7	1.8	.7	.1								4.4	4.8
SSW	1.0	.8		.1								1.9	4.0
SW	2.4	1.5	1.2									5.1	4.5
WSW	1.7	.6	.1									2.4	3.6
W	1.2	1.4	1.1									3.7	5.0
WNW	.0	1.7	1.2									3.7	5.7
NW	2.6	2.4	2.4	.7	.4							8.1	6.5
NNW	1.9	5.4	2.8	.7	.1							11.0	5.8
VARBL													
CALM												27.4	
	18.3	30.0	19.2	4.3	.0							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE CO MIT APT 61-68 DAY MONTH 0000-0200
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.4	2.0	.1								7.1	5.2
NNE	.0	.5										1.3	3.5
NE	.0	.1	.1									.8	4.3
ENE	.3	.1										.4	3.3
E	.5	.3	.3	.3								1.3	6.0
ESE	.0	.8	.3		.1							2.0	5.0
SE	1.4	4.3	3.5	.7								10.3	6.2
SSE	1.5	2.3	1.1	.3	.1							5.2	5.8
S	1.0	.5										2.2	3.1
SSW	1.0	.4										2.3	2.0
SW	1.3	.7	.1									2.3	3.5
WSW	1.1	1.3	.3									2.7	4.1
W	2.3	1.5	.3	.1								4.2	4.0
WNW	.4	1.9	.4									3.2	4.8
NW	1.3	1.9	1.7	.7								5.6	6.4
NNW	1.7	3.1	3.4	.1								8.3	5.7
VARBL													
CALM												40.6	
	21.2	22.2	13.4	2.3	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 01-68 YEARS MAY MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.3	.1								3.6	4.6
NNE	.3	.1										.4	3.3
NE	.1											.1	2.0
ENE													
E	.1	.4										.5	3.3
ESE	.7	.8	.3	.1								1.9	3.3
SE	2.0	5.6	4.4	.3		.1	.3					12.3	6.7
SSE	1.7	2.7	1.1	.4								5.9	3.5
S	.7	.8	.1									1.6	3.8
SSW	1.3	.1	.3	.1								1.9	4.1
SW	1.0	.3	.3									2.2	3.8
WSW	1.2	.5	.1									1.9	3.9
W	2.4	.9	.1									3.2	3.5
WNW	.7	1.1	.9									2.7	3.5
NW	1.2	2.2	1.2	.4								5.2	3.8
NNW	1.7	3.1	2.4									7.3	3.4
VARBL													
CALM												49.1	
	17.3	20.2	11.6	1.5		.1	.3					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR - EAT EX SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE 8 C DUT APT
STATION NAME

61-65
YEARS

DAY

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	.7									4.4	4.6
NNE	.1											.1	2.0
NE	.3	.1										.4	3.3
ENE													
E	.1	.3										.4	4.0
ESE	.9	.8	.3	.4								2.4	5.8
SE	2.0	5.8	5.2	1.3	.1	.3						14.8	7.1
SSE	1.9	2.3	1.1	.5	.1							5.9	6.2
S	1.2	1.9	.5									3.6	4.3
SSW	1.3	1.1	.7									3.1	4.4
SW	3.2	3.0	.4									6.9	3.7
WSW	.7	.8	.5									2.0	5.1
W	1.2	1.1	.8		.1							3.2	5.4
WNW	.3	1.1	.8	.1								2.6	5.4
NW	1.6	2.6	4.8	1.1								10.1	6.8
NNW	2.0	3.2	3.5	.4								9.1	6.2
VARBL													
CALM												30.9	
	19.1	26.1	19.4	3.9	.4	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DDT APT 01-68 YEARS MAY MONTH
0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	1.5									4.7	5.2
NNE	.3	.9	.5	.1								1.9	5.9
NE	.3	.6	.1									1.2	4.7
ENE	.7	.5										1.2	3.8
E	.3	.7	.3									1.5	4.8
ESE	.3	1.1	1.6	.3								3.2	6.9
SE	1.2	2.3	3.1	2.6	.9	.1						12.2	9.4
SSE	.9	.7	2.5	2.2	.1							7.4	8.8
S	.5	1.5	2.3	.7	.1							5.1	7.4
SSW	1.1	1.3	.9	.1								3.5	5.2
SW	1.0	3.5	1.6	.1								6.9	5.1
WSW	1.7	1.9	.9									4.6	4.6
W	.5	2.3	1.9	.1								4.8	6.0
WNW	.5	1.7	2.2	.4	.3							5.4	7.2
NW	.8	4.4	5.5	2.4	.1	.1						13.4	7.9
NNW	.4	2.4	2.8	.4	.1							6.6	7.2
VARBL													
CALM												16.4	
	13.4	28.0	30.8	9.4	1.7	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247

WILLIAMS LAKE B C DDT APT

61-66

44

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	3.9	.4	.1							7.7	6.9
NNE	.3	.8	1.1	.1	.1							2.7	6.9
NE	.4	.5	1.3									2.3	6.5
ENE	.3	.3	.1	.1								.8	6.0
E	.8	.4	.8	.1								2.2	6.1
ESE	.4	.3	1.9	.5								3.4	8.2
SE	.5	2.8	4.3	3.9	.5	.1						12.2	9.5
SSE	.3	1.5	2.7	1.3	.1	.1						6.0	8.8
S	1.0	1.6	2.2	.9	.4							6.7	7.3
SSW	.3	.8	1.2	.5								2.8	7.6
SW	1.3	1.5	2.3	.4								5.3	6.3
WSW	1.3	2.4	1.3	.1								5.2	5.5
W	.3	2.8	3.0	.5								6.9	7.0
WNW	.7	2.3	1.9	.4	.1							5.4	6.8
NW	.4	2.7	7.0	3.0	.1							13.7	8.7
NNW	.8	1.5	4.0	.8	.1							7.3	7.7
VARBL													
CALM												9.3	
	12.1	24.3	39.0	12.2	1.7	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-60 YEARS MONTH DAY
1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	2.6	1.1	.1							5.9	8.3
NNE	.4	.9	1.2	.3	.1							3.0	7.0
NE	.1	1.9	.7	.4	.1							3.2	7.1
ENE	.5	1.2	.5	.5								2.8	7.0
E	.7	.8	.8		.1							2.4	6.4
ESE	.4	1.3	.9	1.6	.1							4.4	8.8
SE	.7	1.9	3.5	1.9	.4							10.3	8.6
SSE	1.5	.9	2.6	1.2	.3							6.5	8.0
S	.4	.5	2.3	.1	.3	.1	.1					3.9	10.0
SSW	.1	1.1	1.2	.4	.1							3.0	7.5
SW	.8	1.7	.8	.5								3.9	6.2
WSW	.5	1.1	1.5	.3	.1							3.5	7.1
W	1.1	3.4	3.1	.5		.1						8.2	6.7
WNW	.4	2.2	.7	.3	.1							3.6	6.2
NW	1.9	3.1	3.1	2.3	.3							12.6	8.0
NNW	1.2	1.9	4.4	1.6	.4							9.5	7.9
VARBL													
CALM												13.2	
	11.3	25.5	33.9	13.0	2.7	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE H C COY APT 01-00 YEARS MAY MONTH
1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.8	1.3	.5	.1							6.6	6.5
NNE	.8	1.3	1.6	.1								3.9	5.9
NE	1.7	.9	.5	.1								3.4	4.9
ENE	.4	.7	1.9	.1	.1							3.8	7.2
E	1.1	2.0	.8	.3	.1							4.3	5.8
ESE	.2	1.3	1.2	.4								3.2	7.2
SE	1.2	3.2	4.8	1.5	.3							11.0	7.6
SSE	.8	.8	1.2	.5		.4						3.8	8.5
S	.8	1.2	2.0	.4								4.4	7.0
SSW	.8	.8	1.6	.1								3.4	6.6
SW	.7	1.2	.8									2.7	5.3
WSW	1.1	1.6	.7	.3								3.6	5.3
W	.4	1.3	1.6	.1								4.2	6.1
WNW	.4	1.1	1.1	.3								3.4	6.0
NW	1.0	3.1	3.6	1.6	.1							10.1	7.2
NNW	1.0	2.8	3.5	1.5								9.4	7.0
VARBL													
CALM												19.0	
	16.5	26.5	28.4	8.2	.8	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-68 YEARS MONTH MAY
STATION NAME CLASS ALL WEATHER HOURS 2100-2300
(L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.0	1.6	.3								7.0	5.1
NNE	.7	.7	.3									1.6	4.8
NE	.7	.7	.1									1.5	4.1
ENE	.8	.4	.5									1.7	4.8
E	.4	.5	.5	.4								1.9	7.8
ESE	.7	.7	.3	.1	.1							1.9	6.3
SE	2.6	3.4	3.4	1.1	.3							10.6	6.7
SSE	1.2	1.1	1.5	.4	.4							4.6	7.1
S	1.1	1.9	.8									3.8	4.9
SSW	1.1		.5									1.6	4.5
SW	1.7	1.2	.5									3.5	4.3
WSW	1.1	.4	.5									2.0	4.4
W	1.5	2.2	.7	.3								4.4	5.0
WNW	.6	.8	.9	.1								2.7	5.7
NW	2.3	2.7	2.2	.7		.1						7.9	6.1
NNW	2.3	3.4	2.4	.1								8.2	5.5
VARBL													
CALM												35.1	
	20.8	22.8	16.8	3.5	.6	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE R C BDT APT
STATION NAME61-68
YEARSJUN
MONTHALL WEATHER
CLASS0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	1.9		.1							5.8	5.5
NNE	.9	.4										.7	3.8
NE	.7	.1										.8	3.0
ENE	.4											.3	2.5
E	.1	.1										.3	4.0
ESE	.3	1.4	.3	.3								2.2	6.1
SE	2.9	3.5	3.2	.4								10.0	5.6
SSE	2.1	1.1	.7									3.9	4.3
S	.4	.7	.1									1.2	4.8
SSW	.1											.8	3.0
SW	1.9	.7	.4									3.1	3.8
WSW	1.5	.8	.4									2.8	4.3
W	2.2	.8	.6									3.6	4.2
WNW	1.4	1.5	.7	.1								3.6	5.0
NW	1.4	1.7	2.8	.8								7.2	6.9
NNW	2.2	2.9	1.7	.1	.3							7.5	5.8
VARBL													
CALM												46.1	
	20.7	17.9	12.8	2.1	.4							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 FTAL/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C OUT APT YEARS 61-68 MONTH JUNE
 CLASS ALL WEATHER HOURS 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.6									3.4	4.3
NNE	.7											.7	2.6
NE	.7	.3										1.1	3.4
ENE	.3	.1										.4	3.7
E	.3	.1										.4	3.3
ESE	.4	.8	.1									1.4	4.7
SE	1.4	4.2	4.2	.6								10.8	6.4
SSE	1.2	2.1	.6									3.9	4.4
S	1.1	.8										1.7	3.4
SSW	.3	.4	.1									.8	4.8
SW	1.1	.4										1.5	3.1
WSW	2.1	.4	.3									2.8	3.6
W	1.1	.4										1.5	3.1
WNW	1.4	1.0	.6									2.9	4.7
NW	2.4	3.2	3.2	1.0	.3	.1						10.1	6.7
NNW	2.1	2.4	2.2									6.7	5.6
VARBL													
CALM												49.6	
	19.4	17.5	11.8	1.5	.3	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DDT APT 61-66 YEARS MONTH JUNE
CLASS ALL WEATHER HOURS 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	1.7	.1								6.1	5.7
NNE	.4	.4	.1									1.0	4.1
NE	.4	.3										.7	3.4
ENE	.3											.3	2.5
E		.1	.3									.4	7.0
ESE	1.1	.7	.6	.3								2.6	5.4
SE	1.7	4.7	5.0	1.7	.1							13.2	7.1
SSE	.6	1.9	2.2	1.0	.1							5.8	7.7
S	.4	1.9	.1									2.9	4.1
SSW	1.4	.6	.1									2.6	3.4
SW	3.2	1.1	.6									4.9	3.7
WSW	2.2	1.0	.1									3.3	3.5
W	1.1	1.2	.4									2.8	4.6
WNW	.7	1.2	.6	.1								2.6	5.8
NW	2.1	3.6	5.3	.6	.4	.1						12.1	7.3
NNW	2.9	4.6	3.7	.6	.1							11.9	5.9
VARBL													
CALM												27.6	
	20.8	25.4	20.8	4.3	.8	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-60 YEARS NORTH 0900-1100
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	1.5	.5								5.0	6.3
NNE	.8	.8	.6									2.2	4.7
NE	.6	.6	.3	.1								1.5	5.5
ENE	.3	.1										.4	3.0
E	1.0	.1	.3									1.4	4.1
ESE	.4	.8	1.5	.3								3.1	7.0
SE	1.4	2.4	3.7	3.6	.4							11.5	8.8
SSE	1.4	1.8	1.4	1.4	.3							6.2	7.6
S	1.2	1.7	1.5									4.4	5.5
SSW	1.2	1.2	1.0									3.5	4.8
SW	1.4	2.9	1.4	.1								5.2	5.3
WSW	1.2	2.2	.7									4.2	4.9
W	2.2	2.1	1.4	.1								5.8	5.1
WNW	.3	1.4	1.9	.6	.1							4.3	7.8
NW	1.7	3.9	3.0	2.2	.8							13.9	8.0
NNW	1.7	3.2	3.2	.6								8.6	6.4
VARBL													
CALM												18.1	
	18.1	27.2	25.4	9.6	1.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIRCRAFT SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE AFB MILIT APT 61-68 JUN
 STATION NAME YEARS
 ALL HEAT RPT
 CLASS
 CONDITION
 1200-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	1.8	.4	.6							5.4	7.1
NNE	.5	.7	1.0	.1								2.4	6.1
NE	.5	1.0	1.0	.1								2.9	5.6
ENE	.5	1.5	.3									2.4	4.6
E	.5	.8	.3									1.9	4.4
ESE	.5	.8	1.4	.6	.1							3.3	7.7
SE	1.5	3.1	4.6	3.1	.6							12.5	8.5
SSE	.5	1.3	1.5	1.3	.1	.1						5.1	8.8
S	1.5	2.9	1.8	.3								6.8	5.6
SSW	1.5	.7	1.4	.6								3.6	6.8
SW	2.4	2.1	1.7	.1								6.3	5.0
WSW	.5	1.4	1.1									3.3	5.3
W	1.1	2.5	1.5	.1	.1							5.4	5.9
WNW	.5	2.5	2.6	.3	.4							6.4	7.4
NW	1.7	2.6	5.8	2.5	.6	.3						13.5	8.6
NNW	1.5	2.6	2.9	1.6								8.6	7.6
VARBL													
CALM												10.0	
	17.1	28.1	30.7	11.3	2.4	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

719

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C DUT APT 61-64 YEARS JUN MONTH
 CLASS ALL WEATHER 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	2.9	1.1	.4							6.9	8.2
NNE	1.0	1.1	1.1	.1	.1							3.5	5.9
NE	.6	2.1	1.5	.3								4.7	6.0
ENE	.6	.7	.8									1.9	5.1
E	1.4	1.7	.7	.1								3.7	5.7
ESE	.6	1.2	.6	.7								3.1	7.2
SE	.6	1.7	2.8	2.4	.3							7.7	9.6
SSE	.4	1.0	1.5	1.0	.1							4.7	7.4
S	1.4	1.2	1.5	.6								4.6	6.3
SSW	1.0	1.7	1.4	.4								4.4	6.3
SW	1.0	2.1	1.4	.4	.3							6.7	6.7
WSW	1.1	.7	1.9	.3								4.4	6.3
W	1.0	1.8	1.4	1.2								6.2	6.7
WNW	1.0	2.2	1.2	1.0		.4						5.8	8.2
NW	1.4	1.9	3.2	2.4	.4	.3	.1					9.7	9.2
NNW	1.0	3.5	3.5	1.5	.4	.1						10.0	8.0
VARBL													
CALM												13.3	
	16.1	26.5	27.5	13.5	2.1	.8	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C DUT APT YEARS 61-65 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	2.6	.4	.1							7.6	6.4
NNE	1.4	1.5	1.2	.1								4.3	5.2
NE	.5	2.8	1.0	.1								4.7	5.2
ENE	1.5	1.5	1.0									4.0	4.8
E	.0	1.9	1.0	.1								3.6	5.5
ESE	.4	.7	1.2									2.4	5.9
SE	1.4	2.6	3.7	.6								8.6	6.6
SSE	1.1	1.1	1.4	.4								4.0	6.1
S	.4	1.5	1.5	.1								3.6	6.5
SSW	.5		.3	.3								.8	7.7
SW	1.7	.8	1.0	.1								3.6	4.9
WSW	.5	1.2	.7	.1								2.4	5.8
W	1.1	1.2	2.8	.7								5.8	7.0
WNW	.7	1.2	.8	.6	.1							3.5	7.1
NW	1.7	2.5	2.4	1.7		.1						8.3	7.5
NNW	1.1	3.2	3.6	1.7	.4	.1						10.1	8.3
VARBL													
CALM												22.5	
	12.0	27.1	26.2	7.4	.7	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-60 YEARS JUN MONTH
 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	1.9	.3								5.7	5.8
NNE	.6	.2	.1	.1								1.1	5.1
NE	.7		.3									1.0	4.4
ENE	1.1	.7										1.8	3.4
E	.6	1.0	.7									2.3	4.9
ESE	1.2	.6	.7	.3								3.1	5.5
SE	2.3	4.0	3.2									9.7	5.5
SSE	1.2	1.8	.1									2.9	4.2
S	1.7	.8	.1									2.6	3.7
SSW	.2	.4	.4									1.1	5.3
SW	2.6	1.5	.1									4.3	3.4
WSW	.7	1.0	.1									1.8	4.1
W	1.1	1.5	1.4	.3								4.3	5.7
WNW	1.9	.8	1.1	.3								4.2	5.4
NW	1.6	2.5	3.2	.6								7.6	6.5
NNW	1.6	3.7	3.2	.6	.1							9.4	6.2
VARBL													
CALM												36.8	
	21.0	22.9	16.8	2.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

25247 STATION 25247 WILLIAMS LAKE D C OUT APT 61-68 YEARS 0000-0200
 STATION NAME CLASS ALL WEATHER HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.7	1.9	.1								7.4	4.9
NNE	.4	.3										.7	3.6
NE		.4										.4	4.7
ENE	.3											.3	2.5
E	.3	.3	.3									.8	5.2
ESE	.9	.5	.5	.1								2.2	5.1
SE	2.0	4.0	2.6	.5								9.1	5.9
SSE	.1	1.1	.8	.1								3.0	5.6
S	.4	.9	.5									2.4	4.7
SSW		.5	.1									.7	5.6
SW	2.3	.1										2.4	2.6
WSW	2.5	.7	.1									2.8	3.6
W	1.2	1.3	.1									2.7	4.0
WNW	.5	.8	.3	.1								1.7	4.9
NW	.1	1.6	1.1	.1								3.6	5.5
NNW	1.1	4.0	2.3	.9	.1							9.1	6.2
VARBL													
CALM												50.7	
	16.9	19.5	10.6	2.2	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DUT APT
STATION NAME61-68
YEARSJUL
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	.8	.1								4.3	4.8
NNE	.5	.1	.1									.2	4.3
NE	.5	.4										.7	3.6
ENE	.5											.3	3.0
E	.5		.1									.4	4.7
ESE	.4	.9	.5	.1								2.6	5.1
SE	2.3	4.8	1.9	.5								9.5	5.3
SSE	.6	1.1	.7	.1								2.7	5.6
S	.1	1.1										1.7	3.7
SSW	.5	.1										.7	3.2
SW	.4	.1	.3									1.3	3.8
WSW	1.5	.7	.1									2.3	3.3
W	1.3	1.1	.3									2.7	4.1
WNW	.8	.8	.1	.1								1.9	4.4
NW	1.7	1.9	.9									4.6	4.8
NNW	1.7	3.2	2.3	.4								7.7	5.8
VARBL													
CALM												55.9	
	16.3	18.1	8.2	1.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 ETAC/USA
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE H C UNIT APT
STATION NAME61-64
YEARSJUL
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	1.5	.1								4.8	5.6
NNE	.5	.3										.8	3.5
NE	.3	.1										.4	3.7
ENE													
E	.7	.1										.8	3.2
ESE	.6	.4	.4	.1								1.7	3.8
SE	3.6	3.8	4.7	.4								12.5	5.8
SSE	.4	1.9	1.2	.3								4.3	5.9
S	2.0	.3	.4									3.0	3.8
SSW	1.4	.1	.5									2.6	3.9
SW	2.7	2.2	.4									5.2	3.7
WSW	1.4	.8	.1									2.8	3.5
W	2.3	.8	.3									3.4	3.5
WNW	.6	.4	.3									1.5	4.3
NW	2.6	2.7	3.1	.7								9.0	6.1
NNW	2.6	3.8	1.9									8.2	5.0
VARBL													
CALM												39.0	
	24.6	20.0	14.8	1.6								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-68
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	1.2	.1								4.8	5.4
NNE	.9	.4	.7									2.0	5.3
NE	.8	.7	.4	.1								2.0	5.1
ENE		.4										.4	4.7
E	.4	.7	.4	.1								1.6	5.5
ESE	1.2	.7	.9	.1								3.0	5.6
SE	1.3	3.4	7.3	1.2	.1	.1						13.4	7.5
SSE	.1	1.3	1.9	.5	.1							4.7	7.7
S	1.6	2.4	1.3									5.4	5.1
SSW	1.1	.5	.7									2.3	4.9
SW	2.1	2.4	.9	.1								5.8	4.7
WSW	.7	1.9	.4	.3								3.5	5.1
W	1.5	2.6	1.1	.1								5.2	5.3
WNW	.5	1.1	.9									2.6	5.9
NW	1.3	4.7	4.0	.5	.1							10.8	6.4
NNW	1.5	3.2	1.7	.5								7.0	6.0
VARBL													
CALM												25.5	
	17.3	28.8	23.9	3.9	.4	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C DUT APT 61-68 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	2.4	.4	.1							6.2	6.8
NNE	.9	1.2	1.1	.1	.1							3.5	6.2
NE	.4	.7	.9	.1								2.2	6.1
ENE	.5	.7										.9	4.7
E	.5	.3	.4									1.2	5.2
ESE	1.1	1.1	1.7	.9								4.8	7.3
SE	1.2	2.7	5.0	2.0	.1	.3						11.3	8.4
SSE	.3	1.5	3.2	.9		.1						6.0	8.4
S	2.0	2.7	2.3	.1	.1							7.3	5.7
SSW	1.8	1.7	.8	.4								4.3	5.5
SW	1.1	2.3	1.3	.3								5.0	5.6
WSW	.9	1.5	.7	.9								3.4	7.4
W	1.2	2.0	1.6	.3								5.1	6.1
WNW	.9	1.7	1.2	.3		.1						3.9	6.8
NW	1.1	2.6	4.7	.4	.1							8.9	6.8
NNW	1.5	3.2	3.4	.9	.1							9.1	7.1
VARBL													
CALM												16.9	
	14.7	28.1	30.8	8.2	.8	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE A C OUT APT
 STATION NAME

61-68
 YEARS

JUL
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.6	2.3	.8	.1							8.1	6.5
NNE	1.2	.7	.7	.4								3.2	5.7
NE	1.2	1.6	.7									3.5	4.9
ENE	.9	.7	1.2	.4								3.2	6.8
E	.3	1.1	.9	.1								2.4	6.4
ESE	.3	1.2	1.2	.5								3.2	7.3
SE	1.6	2.4	2.4	2.0	.1							8.6	7.5
SSE	1.1	.8	1.9	.9		.1						4.8	7.6
S	1.1	1.1	2.8	.1								5.1	6.6
SSW	1.1	.9	1.5	.4								3.9	6.7
SW	1.2	1.7	2.0	.7		.3						5.9	7.3
WSW	.9	1.1	1.7	.4								4.2	6.7
W	1.6	1.9	2.0	.3								5.8	6.0
WNW	1.2	1.3	1.1	.1								3.8	5.5
NW	1.2	3.0	3.0	.4	.1							7.7	6.5
NNW	1.3	2.6	3.0	1.3								8.7	7.3
VARBL													
CALM												18.4	
	18.8	24.6	28.4	9.0	.4	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FTAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C DOT APT 61-65 JUL
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1800-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.0	3.6	.8								9.3	6.5
NNE	1.1	1.6	1.3									4.0	5.3
NE	1.5	.9	.7									3.1	4.7
ENE	.8	1.1	.3	.1								2.3	4.8
E	1.7	3.1	.8	.3								5.9	5.0
ESE	.7	.7	1.2	.1								2.7	6.6
SE	1.2	2.8	2.7	.4								7.1	6.3
SSE	.9	1.2	1.9	.1	.1							4.3	6.1
S	2.7	1.1	.8	.1	.1							4.8	4.9
SSW	1.4	1.3	.5	.3	.1							3.5	5.7
SW	1.7	.9	.7	.4								3.8	5.2
WSW	.8	1.3	.4		.3							2.8	6.0
W	.9	1.5	.8		.1							3.4	5.7
WNW	.6	1.1	1.1	.3								3.2	6.3
NW	2.2	3.1	2.3	.3								7.8	5.6
NNW	1.6	3.2	3.2	.4	.1							8.6	6.3
VARBL													
CALM												23.4	
	21.8	28.0	22.3	3.9	.9							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS JUL MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	3.6	2.0	.1								2.3	5.0
NNE	.8	.7	.3									1.7	4.6
NE	.4	.8	.5									2.3	4.6
ENE	.4	.7	.4									1.5	5.1
E	.7	1.3	.9									3.0	5.3
ESE	.4	.9	.8									2.7	5.2
SE	2.7	3.5	2.7	.1								9.0	5.4
SSE	1.1	1.1	.8	.1								3.1	5.1
S	.5	.9	.8									2.3	5.5
SSW	.4	.7										1.1	3.8
SW	1.5	1.3	.4									3.1	4.2
WSW	1.7	.5	.7	.3	.1							3.4	5.4
W	1.2	1.5	.4	.1								3.2	4.8
WNW	.7	1.5	.1									2.3	4.0
NW	2.5	2.3	.9	.1								5.4	4.7
NNW	1.7	2.4	3.1	.7								7.9	6.3
VARBL													
CALM												38.8	
	20.7	23.8	14.9	1.6	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-66
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	2.3	.4		.1							6.4	4.0
NNE	1.2											1.2	2.6
NE	.1		.1									.3	5.0
ENE	.4											.4	2.7
E	.3	.1	.1									.5	4.5
ESE	1.3	1.2	.1									2.7	3.7
SE	2.4	2.8	2.2	.3								7.9	5.5
SSE	2.1	1.3	1.3									4.7	4.9
S	1.3	.3	.3									2.0	3.6
SSW	.3	.3										1.1	3.6
SW	.0	.3										1.1	2.9
WSW	2.2	.4		.1								2.7	3.4
W	1.2	.4										1.6	3.2
WNW	.4	.8	.1									1.9	4.0
NW	1.2	2.2	1.1									4.4	5.0
NNW	1.3	4.7	1.2									7.3	4.8
VARBL													
CALM												53.6	
	21.2	17.3	7.0	.7	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS AUG 1968
STATION NAME MONTH
ALL WEATHER CLASS
0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	.1									3.2	3.9
NNE	.1	.1										.3	3.5
NE	.3											.3	3.0
ENE	.2	.1	.1									.5	4.8
E	.3	.3										.5	3.5
ESE	.0	.1	.1									1.1	3.6
SE	2.8	4.7	3.9									11.2	5.5
SSE	1.5	2.3	.7	.1								4.6	4.7
S	1.2	.4	.1									1.9	3.5
SSW	.3											.2	2.2
SW	.0	.9										1.7	3.7
WSW	1.5	.5	.1									2.2	3.6
W	1.7	.5	.1									2.4	3.3
WNW	1.1	.3										1.3	3.3
NW	1.2	1.1	.5									2.8	4.4
NNW	1.2	1.1	.3									2.7	3.9
VARB:													
CALM												62.5	
	17.6	14.0	6.2	.1								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C OUT APT 61-68 YEARS 306 MONTH
CLASS ALL WEATHER 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.3									2.7	4.5
NNE	.3											.3	3.0
NE	.1	.1										.3	3.5
ENE	.1											.1	3.0
E	.7											.7	3.0
ESE	.7	.5	.8									.0	3.0
SE	3.6	5.1	3.5	.1								12.4	5.3
SSE	1.2	1.1	1.3	.3								4.6	5.4
S	1.3	.9	.4									2.7	4.3
SSW	2.4	.9										3.4	2.9
SW	2.4	.8										3.2	3.1
WSW	1.2	.1	.1									1.5	3.5
W	1.2	.5	.4									2.4	4.0
WNW	.5	1.1	.1									2.0	4.3
NW	1.7	1.5	1.7									5.0	5.2
NNW	1.2	3.1	1.1	.1								5.8	4.8
VARBL													
CALM												51.5	
	21.6	16.9	9.8	.5								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 744

AD-A100 244

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC
OCT 71

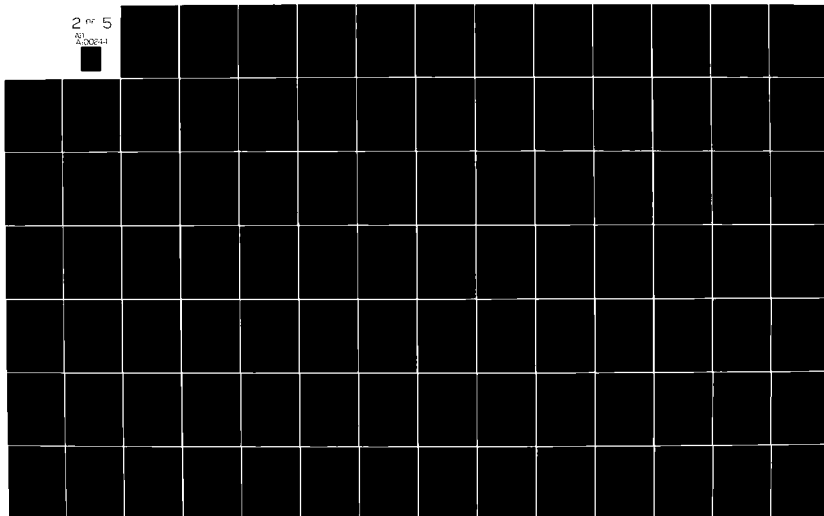
UNCLASSIFIED USAFETAC/DS-81/039

SBIE-AD-E850 066

NL

2 of 5

AD
A100-244



2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/RAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS AUG MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	.7	.1								4.0	5.1
NNE	.5	.4										.7	4.2
NE	.5	.7	.1									1.3	4.0
ENE	.5											.5	2.5
E	.5	.7	.1									1.3	4.1
ESE	.5	1.1	.7	.1								2.7	5.4
SE	2.6	5.0	5.5	1.1								14.1	6.3
SSE	1.5	2.6	1.6	.4								6.0	5.8
S	2.4	2.3	.4	.1								5.2	4.3
SSW	2.4	1.6	.3									4.3	3.7
SW	2.0	2.7	.5									5.8	4.0
WSW	2.0	1.1	.4									3.5	3.7
W	2.0	1.3	.8	.1								4.3	4.6
WNW	.5	.5	.7									2.2	5.1
NW	1.1	4.3	3.4									8.7	5.8
NNW	2.0	3.2	2.7									7.9	5.5
VARBL													
CALM												27.3	
	23.1	29.7	17.9	2.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-68 YEARS ALL WEATHER MONTH 1200-1400
STATION NAME CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.2									4.6	4.2
NNE	1.1	1.2	.5									2.8	4.8
NE	.7	1.1	.1									1.9	4.1
ENE	.5	.5	.3									1.6	4.2
E	1.3	1.1	.1	.1								2.7	4.2
ESE	.4	1.2	1.3	.5								4.0	6.6
SE	2.3	4.7	3.8	1.7	.1							12.6	6.9
SSE	1.3	1.3	1.7	.5								5.1	6.1
S	2.4	2.0	1.5	.1								6.0	4.9
SSW	1.2	1.1	.8									3.1	5.0
SW	2.4	2.2	1.3									5.9	4.7
WSW	.1	1.9	.9									3.8	3.4
W	.4	2.3	1.1									4.3	5.4
WNW	1.1	.4	1.1	.1								3.9	5.0
NW	.1	3.8	3.9	.4								8.7	4.7
NNW	.4	2.6	3.9	.4		.1						7.4	7.2
VARBL													
CALM												21.5	
	20.7	29.8	23.7	4.0	.1	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247

WILLIAMS LAKE B C COT APT

61-68

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	3.0	.2								7.4	6.3
NNE	1.1	1.6	.9									3.6	4.9
NE	1.0	1.1	1.5									4.2	5.4
ENE	.0	1.2	.4									2.4	4.3
E	1.5	1.9	.7	.1								4.2	4.8
ESE	1.1	2.3	1.9	.3								5.5	5.9
SE	2.6	3.5	4.0	1.3								11.4	6.7
SSE	1.3	2.0	1.7									5.1	5.8
S	.4	1.3	1.3									3.6	5.5
SSW	1.3	.8	.7									2.8	4.5
SW	.6	1.2	.5									2.6	4.6
WSW	.4	1.1	.4	.1								2.0	5.5
W	1.4	1.6	1.1	.1								4.7	5.1
WNW	.0	1.4	1.1	.3	.1							4.2	6.2
NW	1.0	2.7	3.9	1.5	.1	.1						9.9	7.5
NNW	1.3	3.2	3.2	.8								8.6	6.5
VARBL													
CALM												17.7	
	20.4	30.0	26.3	5.1	.3	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSAUG
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.6	1.5	.4								9.7	4.9
NNE	1.9	1.5	.1									3.5	3.8
NE	2.7	2.2	.9	.1								5.9	4.4
ENE	2.4	1.2	.3									3.9	3.7
E	2.0	3.0	1.2	.4								7.1	5.0
ESE	.8	1.5	1.6									3.9	5.8
SE	2.4	3.8	3.0	.7								9.8	6.0
SSE	.9	1.6	.3	.1								2.3	5.1
S	2.2	.5	.1									3.0	3.5
SSW	.1	.3										.4	4.0
SW	.7	.3	.1	.1								1.2	5.0
WSW	.3	.8	.1	.3								2.0	5.3
W	1.1	.8	.4	.1								2.4	4.8
WNW	1.5	.7	1.1									3.2	4.9
NW	1.2	3.6	2.0	.3	.1							7.3	6.0
NNW	2.0	1.9	1.5	.3								5.6	5.5
VARBL													
CALM												28.8	
	25.9	28.1	14.2	2.8	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

746

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-65 YEARS
CLASS ALL WEATHER
CONDITION
AUG MONTH
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.3	1.9									9.3	4.8
NNE	1.5	.5	.1	.1								2.3	4.1
NE	.9	.5										1.5	3.3
ENE	1.1	.3										1.3	3.2
E	.8	1.2	.4									2.4	4.6
ESE	2.0	1.2	.5									3.7	4.3
SE	2.8	4.7	2.6	.3								10.3	5.5
SSE	.8	2.0	1.1	.3								4.2	6.0
S	.8	1.3	.7									2.8	4.7
SSW	.7	.1										.8	3.0
SW	1.1	.5	.1									1.7	3.8
WSW	.6	.5	.1									1.5	4.0
W	1.5	.9	.1									2.6	3.9
WNW	.8	.9	.3									2.0	4.1
NW	1.1	1.5	1.9									4.4	5.8
NNW	2.5	3.9	2.0	.3								8.5	5.3
VARBL													
CALM												40.6	
	22.0	24.6	11.8	.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247	WILLIAMS LAKE D. C. GUT APT	61-66	SFP
STATION	STATION NAME	YEARS	NORTH
ALL WEATHER			0000-0700
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.6									3.3	4.4
NNE	.1											.1	3.0
NE		.3										.3	4.5
ENE	.1	.1										.3	3.5
E	.4	.1										.6	3.0
ESE	.4	.8	.1	.1								1.9	4.8
SE	2.5	6.7	6.7	1.0								16.8	6.0
SSE	1.3	1.8	1.7	.7	.1							5.8	6.7
S	.4	.3	.3									1.0	4.9
SSW	.7											.7	3.0
SW	.4	.3										.7	3.4
WSW	.4	.1										.6	3.0
W	1.1	.4	.3	.3								2.1	5.4
WNW	1.7	.8	.4	.3								3.2	4.8
NW	1.9	2.5	2.2	.6	.1							7.4	6.2
NNW	1.5	3.1	1.8	.1								6.5	5.5
VARBL													
CALM												48.7	
	13.1	18.7	14.0	3.1	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C DUT APT
 STATION NAME

61-68
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

0300-0500
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.6	.1								2.6	4.9
NNE	.2	.1										.4	3.0
NE	.1											.1	2.0
ENE													
E	.2											.3	3.0
ESE	1.0	.4	.6									1.9	4.5
SE	5.0	8.5	4.9	.7								19.0	5.3
SSE	1.5	3.2	1.1	1.0								6.8	6.3
S	1.4	.2										1.7	3.0
SSW	.1											.1	3.0
SW	.4	.1										.6	3.8
WSW	.4	.4	.1									1.0	4.1
W	.0	.2	.1	.3								1.2	6.2
WNW	.4	.0	.4	.1								1.5	6.4
NW	1.0	2.5	2.2	1.1	.1							7.8	6.8
NNW	1.1	1.1	1.0		.1							3.3	5.7
VARBL													
CALM												51.5	
	15.0	14.3	11.0	3.3	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/WAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS SEP
MONTH
0600-0800
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.0	.3									1.8	4.2
NNE	.4	.1										.6	3.5
NE	.1											.1	2.0
ENE	.1											.1	3.0
E	.1	.1										.3	4.5
ESE	1.4	.7	.6	.1								2.8	4.5
SE	5.0	10.0	6.5	.7		.1						23.2	5.6
SSE	2.2	2.9	2.1	1.1	.4							8.7	6.9
S	2.1	.3										2.4	2.9
SSW	.5											.8	2.0
SW	.7	.0										1.2	3.6
WSW	.7	.1										.8	2.7
W	.4	1.0		.1								1.5	4.4
WNW	.7	.0	.7	.1								2.1	5.9
NW	1.4	2.4	2.2	1.4	.1							7.5	7.3
NNW	1.7	2.2	1.4	.7								6.0	6.0
VARBL													
CALM												40.0	
	19.7	21.2	13.7	4.3	.0	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C DUT APT 61-60 SEP
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS
 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.6	.3								2.6	5.3
NNE	.4	.4	.1									.5	4.0
NE	.5	.1										.4	3.7
ENE	.1											.1	2.0
E	.3											.3	3.0
ESE	1.0	1.2	.7									2.9	5.2
SE	3.7	8.1	8.6	3.7	.1							24.3	7.1
SSE	1.5	4.6	3.5	1.7	.3							11.3	7.1
S	1.4	2.5	.8									4.7	4.6
SSW	1.8	.3										2.1	2.9
SW	1.2	.7										2.2	3.3
WSW	1.1	.4		.1								1.7	3.8
W	.6	.8	.4									1.8	4.2
WNW	.6	1.1	1.5	.1								3.6	6.4
NW	1.1	3.3	4.9	1.8	.3							11.4	7.9
NNW	1.7	2.8	2.4	1.0								7.8	6.3
VARBL													
CALM												21.7	
	18.2	26.9	23.5	8.7	.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-68 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	2.2	.3		.1						5.0	7.0
NNE	1.1	.8	.0									2.5	4.8
NE	.4	.6										1.0	3.6
ENE	.3	.1										.4	3.7
E	.6	1.1	.7									2.4	5.4
ESE	.6	1.4	1.7	.1								3.7	6.4
SE	2.0	4.9	9.0	3.6	.1							20.8	7.8
SSE	1.0	2.1	3.2	1.4	.1							8.2	8.0
S	2.4	1.8	1.2	.6	.1							6.1	5.6
SSW	1.0	1.0	.3									2.2	4.6
SW	1.5	.8	.6	.1								3.3	4.7
WSW	.7	1.4	.7									2.8	5.0
W	.6	1.5	1.7	.1								3.9	6.4
WNW	.5	1.8	1.2	.3								4.2	6.0
NW	.5	2.4	4.3	1.1	.1							8.7	8.0
NNW	1.0	3.1	3.9	.6	.3							9.6	6.8
VARBL													
CALM												15.1	
	17.1	26.4	31.8	8.9	.8	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 05247 ILLIAMS LAKE H C OUT APT 61-60 YEARS SEP
 STATION NAME CLASS 1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	1.1									3.1	5.4
NNE	.7	.7	1.2	.1								2.8	5.2
NE	1.3	1.0	.3									2.2	4.2
ENE	.7	.8										1.5	3.6
E	1.0	.7	.6		.1							2.4	5.6
ESE	1.1	1.5	1.2	.3								4.2	6.0
SE	1.7	5.6	5.8	2.5		.1						15.7	7.6
SSE	1.0	2.1	1.9	1.2								7.1	7.0
S	1.5	.8	1.2	.4	.3							4.7	7.5
SSW	.0	.8	1.0	.3								2.6	6.8
SW	1.4	.4	.4	.1								2.9	4.2
WSW	1.1	.4	.1	.3								1.9	4.9
W	.4	1.0	.3	.3	.1							2.1	7.0
WNW	.7	1.7	1.0	.4	.1							3.9	6.7
NW	1.0	2.5	5.4	.0								10.6	7.0
NNW	1.2	4.2	4.6	1.0	.3							11.2	7.1
VARBL													
CALM												21.1	
	17.0	22.0	26.2	8.2	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR EATER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION 25247 WILLIAMS LAKE H Q LUT APT 61-00
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 SEP
 MONTH
 1800-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.4	.4									5.0	4.2
NNE	1.4	1.0	.1	.3								2.8	4.7
NE	1.0	.4										1.4	3.5
ENE	.4	.3										.7	3.4
E	1.5	2.2	.4									4.2	4.1
ESE	1.2	1.2	.8	.4								3.7	5.7
SE	4.7	6.1	4.4	.6								15.8	5.6
SSE	1.2	2.2	1.9	.8								6.5	6.4
S	.7	1.0	.8	.3								2.8	6.2
SSW	.0	.0		.1								.7	5.0
SW	.0	.3	.4									1.2	5.3
WSW	.0	.7	.4									1.7	4.9
W	.4	.0	.3	.1								1.4	6.0
WNW	.7	.8	.5	.1								2.3	6.2
NW	1.4	2.9	2.2	.7								7.2	6.3
NNW	2.0	4.3	1.7	.7								9.3	5.0
VARBL													
CALM												33.1	
	21.9	26.4	14.9	4.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR LEADER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22247 STATION NAME WILLIAMS LAKE B C OUT APT YEARS 01-00 MONTH SEP
 CLASS ALL WEATHER MONTH 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	1.2									4.9	5.1
NNE	.2			.1								.4	5.3
NE	.4	.1										.4	3.3
ENE	.2											.4	2.7
E	.4	.1										.5	3.3
ESE	1.1	1.2	.4	.1								2.9	5.0
SE	2.4	0.1	5.4	.1	.1	.1						17.4	5.6
SSE	2.4	2.5	1.5	.3	.3	.1						7.1	6.2
S	.5	.7	.4									1.7	4.4
SSW	.5											.3	3.0
SW	1.4	.3										1.7	3.3
WSW	.4	.1										.4	3.0
W	.7	1.4	1.0									3.1	5.7
WNW	1.6	.7	.7	.1								2.3	5.2
NW	2.1	2.4	3.2	.7								6.3	6.3
NNW	2.0	2.6	1.5	.3								7.2	5.0
VARBL													
CALM												40.0	
	21.4	20.7	15.4	1.8	.4	.3						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE B C DUTY APT YEARS 61-69 MONTH OCT
CLASS ALL WEATHER HOURS (L S Y) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.0	.3									1.3	5.1
NNE	.2	.3										.5	3.5
NE	.7	.3	.1									1.1	3.5
ENE	.2											.5	3.0
E	.7											.7	3.0
ESE	.1	.7	.4	.3	.1							1.6	7.6
SE	6.6	13.4	12.2	5.6	1.2	.7	.1					39.9	7.6
SSE	2.8	4.7	4.8	3.6	1.5	.5						18.0	8.8
S	1.6	.8	.4	.1								2.6	4.6
SSW	.1	.1										.3	3.0
SW	.7	.1										.8	2.8
WSW	.3											.3	3.0
W	.3	.1	.3									.7	4.6
WNW	.1	.1	.4									.7	6.6
NW	1.6	.7	.4	.1								2.4	4.8
NNW	.7	1.2	1.9	.1								3.9	6.4
VARBL													
CALM												24.5	
	16.8	23.4	21.2	9.9	2.8	1.2	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/ITAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25241 WILLIAMS LAKE B C DUT APT 61-68 CT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS
 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3	.1	.1								1.3	4.7
NNE	.3											.3	3.0
NE			.1									.1	7.0
ENE	.1											.1	3.0
E	.4	.3										.7	3.4
ESE	.6	.4	.1									1.3	4.2
SE	7.7	12.6	12.9	5.5	1.9	.9						41.5	7.6
SSE	3.4	5.9	3.8	4.6	1.1	.1						18.8	8.0
S	2.6	1.1	.3	.3								3.8	4.3
SSW	.4	.1										.5	2.8
SW	.7	.4										1.1	3.4
WSW	.1		.1									.3	3.0
W	.4	.4	.4									1.2	3.6
WNW	.1	.4	.4									.9	3.6
NW	1.1	.9	.3	.1								2.4	4.8
NNW	.1	.7	.9									2.3	3.9
VARBL													
CALM												23.3	
	19.1	23.5	19.5	10.9	3.0	1.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C OUT APT STATION NAME 61-68 YEARS 1 CT MONTH 0600-0800 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.7	.1								1.7	6.6
NNE	.1											.1	3.0
NE	.1											.1	3.0
ENE	.1											.1	3.0
E													
ESE	.5	1.5	.8									2.8	5.2
SE	6.8	12.5	12.8	5.2	1.2	.9						39.2	7.8
SSE	3.6	4.7	5.0	3.8	1.2							18.3	8.0
S	2.1	1.3	1.2	.4								5.0	5.6
SSW	.4	.1										.5	3.3
SW	.2	.2										.5	3.3
WSW	.1	.4										.5	4.3
W	.7	.7	.1									1.5	4.1
WNW	.1	.2	.1									.5	4.8
NW	1.1		.2	.1								1.7	5.4
NNW	.4	1.3	.9	.1								2.8	5.9
VARBL													
CALM												24.3	
	18.2	23.5	22.2	9.8	2.7	.9						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ASAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE H C OUT APT 61-60 CT
STATION MONTH
CLASS ALL WEATHER 0900-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.3									1.3	4.7
NNE	.2											.3	2.0
NE	.5											.5	2.5
ENE													
E	.3											.3	3.0
ESE	.2	1.9	.7	.1								3.1	5.5
SE	2.0	9.8	14.5	9.3	2.4	.8						39.7	9.3
SSE	1.7	4.2	8.3	4.0	1.2							19.5	8.9
S	2.3	1.0	1.6	.3								5.8	5.4
SSW	.1	.5										1.2	3.7
SW	1.9	.5	.3	.4								3.1	4.3
WSW	.5	.4	.1									1.1	4.0
W	.9	.8	.8									2.6	5.2
WNW	.9	.4	.7	.1								1.6	6.5
NW	.4	1.7	1.2	1.2	.1							4.7	8.1
NNW	1.3	.7	.1	.1								2.3	4.2
VARBL													
CALM												13.0	
	14.4	23.3	28.6	15.6	4.8	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE F.C. OUT APT 61-65 YEARS CT MONTH
 CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.5	.2								1.9	4.4
NNE	.4	.1										.5	3.5
NE	.1	.1	.1									.4	4.7
ENE		.1										.1	5.0
E	.4	.2	.4									1.1	5.0
ESE	.7	.5	1.6	.1								3.0	6.6
SE	2.7	9.0	11.7	10.6	3.4	1.2	.1					38.7	10.1
SSE	.4	5.5	3.6	3.9	1.5	.5						16.0	9.5
S	2.2	1.9	1.5	.1								5.5	3.2
SSW	.5	1.3	.5	.2								2.7	6.0
SW	1.2	.8	.9									3.0	3.2
WSW	.4	1.1	.3	.3	.1							2.7	6.1
W	.4	.7	1.1	.4	.4							3.5	7.4
WNW	.7	.7	.5									1.9	5.3
NW	.8	2.2	2.6	1.2	.1							6.9	7.9
NNW	.4	.8	.7	.4	.1							2.4	7.4
VARBL													
CALM												9.2	
	13.2	25.8	26.1	17.6	5.6	1.7	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C OUT APT YEARS 61-68 MONTH CT
CLASS ALL WEATHER HOURS (L.E.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	.5		.1							2.3	5.8
NNE	.1	.4										1.1	3.5
NE	.5	.3										1.1	3.3
ENE	.3	.1	.1									.5	4.3
E	1.1	.9	.8	.1								3.6	5.3
ESE	1.5	1.3	.8	.8								4.4	5.2
SE	4.4	7.4	10.8	7.8	2.4	.9	.1					33.6	9.3
SSE	1.7	2.7	4.2	3.2	1.3	.7						13.8	9.9
S	2.1	1.3	2.0	.3	.1							5.8	6.2
SSW	.5	.3										1.1	3.1
SW	1.5	.5	.4	.1								2.6	4.4
WSW	.4	.7	.3	.3								1.9	6.9
W	1.6	.6	1.1	.4								3.5	6.1
WNW	.4	.6	.1	.7								2.0	7.9
NW	.5	1.5	1.5	.4	.1							4.0	7.1
NNW	.7	1.5	.9	.3								3.4	6.2
VARBL												16.0	
CALM													
	18.4	21.3	23.8	14.4	4.2	1.6	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE H C DWT APT 61-68
STATION STATION NAME YEARS
ALL WEATHER CLASS
1800-2000 MONTH
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	.4	.3								2.7	5.4
NNE		.4		.1								.4	7.0
NE	.4	.1										1.1	3.0
ENE	.2	.4										.9	3.6
E	.7	1.1	.4									2.2	4.8
ESE	1.3	1.6	1.3	.7								5.0	6.4
SE	5.4	11.8	10.3	6.5	2.0	.5						37.1	8.0
SSE	1.8	2.7	3.4	4.3	1.1	.1	.1					13.0	9.8
S	1.1	.9	.9									3.0	5.4
SSW	.2	.3	.3									1.1	4.9
SW	.5	.3	.1									1.2	4.3
WSW	.2	.7	.7									1.6	6.1
W	.6	1.1	.9	.4								3.2	6.5
WNW	.4	.4	.7	.1								1.6	6.8
NW	.2	.5	.8									1.9	5.3
NNW	.1	1.2	.8	.6								3.0	7.5
VARBL													
CALM												21.1	
	10.6	24.7	21.1	13.2	3.1	.7	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 744

2

DATA PROCESSING DIVISION
 FTAC/USA-
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
 STATION

WILLIAMS LAKE B C OUT APT
 STATION NAME

61-68
 YEARS

CT
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.3	.4	.4								2.6	3.6
NNE	.2	.1										.4	3.3
NE	.1											.1	2.0
ENE	.1	.1										.3	3.5
E	.4											.4	3.0
ESE	.0	1.2	.3	.1								2.4	4.9
SE	2.6	13.0	10.3	6.7	1.7	.5						38.2	8.0
SSE	3.2	5.1	4.7	3.3	.5	.7	.1					17.9	8.5
S	.2	1.1	.4	.1								2.2	5.2
SSW	.2	.1	.1									.5	4.3
SW	1.6	.4										1.6	3.3
WSW	.2	.4	.1									.8	4.5
W	.7	.3	.4	.1								1.5	5.3
WNW	.1	.5	.1	.1								.9	5.6
NW	.2	1.1	.5	.5								2.7	7.5
NNW	.7	1.5	.7	.3								3.1	5.9
VARBL													
CALM												24.5	
	16.4	25.3	18.3	12.0	2.3	1.2	.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 WASHINGTON, D.C.
 AIRCRAFT SERVICE AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 WILLIAMS LAKE H C OUT APT 01-61
 STATION NAME YEARS
 CLASS ALL WEATHER
 MONTH 0000-0700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	.4									3.5	4.3
NNE	.2	.1	.3									.7	5.0
NE	.4											.4	2.0
ENE	.1	.1										.2	4.5
E	.1	.7										.2	4.2
ESE	.4	1.4	.4	.1								2.4	5.7
SE	6.4	9.7	12.2	4.9	1.0	1.0	.4	.3				36.7	8.5
SSE	2.1	2.4	3.3	2.5	.4			.1				10.8	7.4
S	1.4	.8	.7									2.9	4.1
SSW	1.1	.1										1.1	1.0
SW	1.1	.1										1.1	1.1
WSW		.4	.1									.5	5.5
W	.3	.6	.3	.1								1.3	5.6
WNW	.3	1.4	.4	.1								2.2	5.8
NW	.4	1.0	1.2	1.0	.1							3.7	6.7
NNW	1.1	1.4	.8	.1								3.3	5.3
VARBL													
CALM												27.0	
	16.8	21.9	20.3	8.9	2.4	1.0	.4	.4				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DUT APT
STATION NAME

61-65
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.2	1.0									3.2	5.2
NNE	.1											.1	2.0
NE	.4	.1										.6	2.8
ENE													
E		.1										.1	4.0
ESE	1.1	.4	.8	.1								2.5	5.3
SE	3.3	9.3	13.5	3.9	2.2	.6	.7	.1				35.6	8.5
SSE	1.2	4.0	3.5	.7	.7							10.4	7.4
S	1.0	.8	.8									2.6	4.9
SSW	.4	.1										.6	3.3
SW	.8	.1										1.0	3.3
WSW	.3	.1										.4	3.3
W	1.1	.7	.3	.3								2.4	5.1
WNW	1.0	.8	.3	.6								2.6	5.9
NW	1.8	1.4	1.7	.7								5.6	6.2
NNW	.8	1.9	1.2	.4	.3							4.7	7.0
VARBL													
CALM												27.6	
	16.7	21.4	23.1	6.7	3.2	.6	.7	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DUT APT
STATION NAME61-68
YEARSNOV
MONTHALL WEATHER
CLASS0600-0600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	.6									2.6	4.8
NNE	.3	.1										.4	3.3
NE		.1										.1	4.0
ENE	.4											.3	2.0
E		.1										.1	5.0
ESE	1.4	.6	.4									2.2	4.2
SE	7.9	11.4	10.6	5.7	1.2	1.1	.1	.1				38.2	7.7
SSE	1.5	3.2	3.1	.6	1.0	.4						9.7	8.2
S	1.5	1.5	.6	.1								3.7	4.7
SSW	.4	.4										.8	3.8
SW	.7	.7										1.4	3.6
WSW		.1										.1	5.0
W	.7	.3	.6									1.5	5.5
WNW	.6	1.0	.7	.3								2.5	6.4
NW	1.4	1.4	1.5	1.0	.3							5.4	7.6
NNW	1.4	1.8	1.8	.6								5.6	6.3
VARBL													
CALM												25.1	
	18.0	24.0	19.7	8.2	2.2	1.5	.1	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

760

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C DUT APT YEARS 61-62 MONTH NOV
 CLASS ALL WEATHER HOUR 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.3	.1								1.8	5.0
NNE	.1	.2										.4	4.7
NE													
ENE													
E	.3											.3	3.0
ESE	.1	1.7	.6	.1								3.1	5.2
SE	6.4	11.4	10.6	6.2	2.5	1.9	.3					37.3	8.9
SSE	3.1	4.0	5.0	3.2	1.0							16.2	7.9
S	1.1	1.0	.7	.3								2.9	5.7
SSW	.6	.6										1.4	3.5
SW	.7	.4	.1									1.2	3.6
WSW	.2											.3	3.0
W	.6	.3	.8									1.7	5.6
WNW		.4	.4	.2								1.1	4.6
NW	1.0	1.4	2.8	1.5	.1							6.8	8.3
NNW	1.9	2.8	1.0	.3	.3							6.2	5.7
VARBL													
CALM												17.2	
	17.4	24.6	22.2	12.1	3.9	1.9	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/SAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE H C DUTY APT 01-04
STATION NAME YEARS
CLASS ALL WEATHER
MONTH NOV
HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.1								1.6	5.9
NNE	.1		.1									.3	6.5
NE	.1											.1	3.0
ENE		.3										.3	4.0
E		.4	.1									.6	5.3
ESE	.7	1.7	1.2	.3								3.9	5.9
SE	3.1	12.1	12.6	8.5	2.9	1.0	.3					40.4	9.2
SSE	1.4	2.8	5.6	2.6	1.1	.3						13.7	9.6
S	1.0	.4	1.1	.1		.1						3.2	6.7
SSW	.0	.3	.1									1.1	4.1
SW	1.0	.7										1.7	3.5
WSW	.2		.7									1.0	6.0
W	.0	.0	.3									1.4	5.0
WNW	.4	.1	.6	.4	.1							1.7	8.8
NW	.1	1.5	3.6	1.1	.3							7.2	8.4
NNW	1.7	2.4	2.4	.8	.1							7.4	5.9
VARBL													
CALM												14.4	
	12.1	24.2	29.0	14.0	4.9	1.4	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
 ITAC/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE B C OUT APT 61-68
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.1									2.2	3.9
NNE	.1											.1	3.0
NE													
ENE													
E	.4	.8	.4									1.7	5.1
ESE	1.4	1.8	2.1	.4								5.7	6.1
SE	4.4	8.7	12.5	7.8	1.2	.7						35.4	8.6
SSE	1.4	3.6	3.3	1.5	.4	.2	.3					11.2	4.3
S	1.2	1.5	1.1	.1		1.1						4.2	6.1
SSW	.4	.2	.1									.8	4.0
SW	.5	.3	.3	.3								1.7	5.7
WSW	.1	.1										.3	3.5
W	.2	.1	.6	.1								1.1	8.1
WNW	.4	.4	.4	.1	.1							1.5	7.1
NW	1.1	2.2	2.8	.7								6.8	7.0
NNW	.1	3.5	1.5	.4								6.2	6.1
VARBL													
CALM												21.0	
	14.6	24.4	25.3	11.5	1.8	1.1	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25247 STATION NAME WILLIAMS LAKE H C JST APT YEARS 01-64 MONTH NOV
CLASS ALL WEATHER HOURS (L S T.) 1400-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.8										2.4	3.5
NNE	.1	.1	.1									.4	5.0
NE		.1										.1	5.0
ENE	.4											.1	2.0
E	.3	.7	.1									1.1	5.0
ESE	1.0	2.8	1.0	.1								4.9	5.3
SE	5.4	9.7	11.9	6.7	2.2	.6						36.5	8.5
SSE	1.5	4.0	5.3	1.4	.8							13.1	7.6
S	.1	.8	.3	.1								1.4	6.0
SSW	.3	.4										.7	4.0
SW	.7	.7										1.4	3.4
WSW	.6	.1										.7	3.2
W	1.0	.3	.1									1.4	3.7
WNW	.6	1.1	1.0	.3								2.9	6.4
NW	1.6	1.9	1.2		.4							4.9	6.1
NNW	.8	1.7	1.7	1.0	.1	.1						5.4	7.8
VARBL													
CALM												22.6	
	15.4	25.4	22.8	9.6	3.6	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 WILLIAMS LAKE H C OUT APT 61-68
STATION NAME YEARS
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.0										2.6	3.4
NNE	.1	.3										.4	3.7
NE	.1	.1										.3	4.0
ENE		.1										.1	4.0
E	.3	.4	.1									.8	4.3
ESE	.8	2.1	.7									3.6	5.0
SE	5.3	9.6	12.5	4.7	2.4	.7	.1					35.3	8.4
SSE	1.7	4.3	4.4	3.2	.1			.1				13.9	7.9
S	1.1	1.1	.4									2.6	4.4
SSW	.4		.1									.6	3.8
SW	1.0	.6	.1									1.7	3.6
WSW	.6	.1										.7	3.0
W	.1	.6	.1									.8	5.0
WNW	.3	1.0	.4	.3								1.9	6.3
NW	1.0	2.6	1.1		.1	.1						5.0	5.9
NNW	1.2	1.8	.4	.4	.3							4.2	6.1
VARBL													
CALM												25.4	
	15.7	23.7	20.6	8.6	2.9	.8	.1	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATION

WILLIAMS LAKE B C DNT APT
STATION NAME

61-68
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.1									3.9	4.8
NNE	.3											.3	2.0
NE													
ENE	.1											.1	2.0
E	.2		.3									.5	6.0
ESE	1.1	.2	.7	.4	.1							2.6	6.9
SE	5.2	7.2	8.4	6.1	2.4	.9	.1	.1				30.4	9.0
SSE	2.4	2.2	3.4	2.2	.5	.5		.1				11.7	8.6
S	.4	.7	.3									1.9	4.0
SSW	.1	.3										.4	4.3
SW	.4	.2										1.2	2.9
WSW	.1	.1	.1									.4	3.0
W	.4	.4										1.3	3.6
WNW	.8	.4	.4	.3								1.9	6.1
NW	1.5	1.6	1.8	.8	.1	.1						5.8	7.3
NNW	1.5	1.5	1.1	.1								4.2	5.2
VARBL													
CALM												37.9	
	14.6	15.9	17.4	9.9	3.2	1.6	.1	.3				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE H C OUT APT
STATION NAME61-6R
YEARSJFC
MONTHALL WEATHER
CLASS0300-0500
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	.7									3.1	4.9
NNE		.1										.1	5.0
NE	.2											.3	3.0
ENE													
E	.4	.1	.4									.9	5.3
ESE	.1	.5	.4	.1	.1							1.3	8.0
SE	7.0	7.2	7.4	6.1	2.4	.7						30.8	8.3
SSE	1.8	3.0	3.0	2.4	.7	.2						13.1	8.7
S	1.3	1.5	.4	.1								3.4	4.8
SSW	.4	.3										.7	3.8
SW	.1	.1										.3	3.0
WSW	.1	.5	.1									.8	4.5
W	.1	.4	.3	.3	.1							1.8	7.5
WNW	.2	.6	.7			.1						1.9	7.1
NW	.5	1.5	1.9	.4								4.3	7.0
NNW	.8	1.9	1.5	.1								4.3	5.9
VARBL													
CALM												32.9	
	14.4	20.0	18.8	9.6	3.4	1.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C DUT APT
STATION NAME61-6F
YEARSNFC
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.7	.1								3.5	4.8
NNE	.2	.1										.4	3.0
NE	.2	.1										.4	3.3
ENE		.3										.5	4.5
E	.2	.3	.1									.9	3.9
ESE	.2	.4	.4									1.3	5.1
SE	5.1	7.9	9.3	5.4	2.0	.3	.3	.1				31.0	8.8
SSE	2.2	3.2	5.4	2.2	.4							13.3	7.7
S	1.2	.7	.9	.2								2.7	5.3
SSW	.4		.2									.7	4.6
SW	.1											.1	3.0
WSW	.2	.1	.1									.5	3.8
W	.2	.7	.3	.4								1.9	6.3
WNW	.2	1.1	1.1	.1								2.6	6.1
NW	.7	2.0	3.1	.2	.1							6.5	7.4
NNW	1.2	1.6	.9	.2								4.3	5.6
VARBL													
CALM												29.3	
	15.6	20.2	22.2	9.2	2.6	.8	.3	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

743

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE H C OUT APT
STATION NAME61-65
YEARSDEC
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.8	.8	.4								3.8	5.7
NNE	.4		.1									.5	3.8
NE	.1											.1	3.0
ENE													
E													
ESE	.7	1.2	.1									2.0	4.3
SE	4.0	7.1	11.4	7.1	2.0	1.3	.3					33.4	9.4
SSE	2.2	3.9	3.5	3.0	.3	.3						13.3	8.4
S	.8	.8	.7	.1								2.4	5.4
SSW	.7	.1	.1									.9	4.0
SW	.9	.4										1.3	3.3
WSW	.3											.3	3.0
W	.9	.7	.5									2.2	4.6
WNW	.1	.3	.3									.7	5.8
NW	1.7	.9	2.4	1.1	.1							6.3	7.2
NNW	2.7	3.2	2.0	.7								8.6	5.6
VARBL													
CALM												24.1	
	17.4	19.3	22.1	12.4	2.4	1.9	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

743

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSLFC
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.3	.4	.1							4.9	6.4
NNE	.1		.3									.4	5.3
NE	.1		.3									.4	5.7
ENE	.1											.1	2.0
E	.1	.1										.3	3.5
ESE	.7	.7	.4									1.8	4.3
SE	2.8	4.6	12.3	8.1	2.6	2.3	.1					32.8	10.5
SSE	2.4	2.4	3.8	3.3	.9	.4	.1					13.6	9.3
S	1.2	.5	.3	.3								2.4	5.3
SSW	.2	.3	.4		.3							1.2	8.8
SW	.8	.3	.4									1.5	4.4
WSW	.3	.1										.4	3.0
W	.8	.5	.4	.1								1.9	5.2
WNW	.1	1.1	.3	.3								1.8	6.2
NW	1.8	2.6	4.0	.9								9.3	7.0
NNW	2.8	2.3	1.5	.5								7.2	5.2
VARBL													
CALM												20.1	
	15.4	17.3	25.6	14.2	3.9	2.7	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2524' STATION WILLIAMS LAKE B C OUT APT 61-65 YEARS DEC MONTH
 CLASS ALL WEATHER 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.3	.4								4.7	6.2
NNE	.1		.1									.3	6.0
NE	.2	.1	.1									.5	4.8
ENE	.3		.1									.4	4.0
E		.2	.1									.4	6.7
ESE	.9	.9	.3									2.2	4.3
SE	3.8	6.7	8.8	5.8	2.0	1.9	.3	.1				29.4	10.0
SSE	2.2	2.3	4.0	2.4	.9	.3	.1					12.3	9.0
S	.9	.8	.7	.4								2.8	6.4
SSW		.2		.1								.4	8.3
SW	1.1	.5										1.6	3.7
WSW	.7		.3									.9	4.0
W	.9	.7	.8									2.4	5.4
WNW	.4	.7	.5	.1								1.8	5.6
NW	2.0	3.9	2.3	1.1	.3							9.6	6.4
NNW	2.7	3.5	.8	.7		.1						7.8	5.6
VARBL													
CALM												22.4	
	17.7	22.4	20.4	11.1	3.2	2.3	.4	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 741

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE B C OUT APT 61-68 YEARS DEC
 CLASS ALL WEATHER MONTH 1800-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	.9				.1					5.1	5.3
NNE	.1											.1	3.0
NE	.3											.3	2.5
ENE	.1											.1	2.0
E	.3	.1	.4									.8	6.2
ESE	1.3	.7	.9									3.0	4.6
SE	3.6	7.4	8.9	4.6	1.8	1.5	1.1	.3				29.1	10.0
SSE	1.5	3.6	2.6	2.2	.7	.1	.3					10.9	8.8
S	.4	.7	.3	.4								2.3	5.5
SSW	.4	.3										.7	3.4
SW	.8											.9	2.5
WSW	.3											.3	3.0
W	.3	1.1										1.3	4.4
WNW	.7	.4	1.1	.1								2.8	6.0
NW	2.0	1.6	2.2	1.3	.3	.3						7.8	8.0
NNW	2.3	1.8	.9	.1								5.1	4.9
VARBL													
CALM												29.3	
	16.7	20.5	18.2	8.9	2.7	1.9	1.5	.3				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 741

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247
STATIONWILLIAMS LAKE B C OUT APT
STATION NAME61-68
YEARSDEC
MONTHALL WEATHER
CLASS2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	.9	.1								4.9	4.9
NNE	.2											.3	3.0
NE				.1								.1	11.0
ENE													
E	.2	.1	.4									.6	6.0
ESE	.7	.8	.8	.3								2.6	6.1
SE	3.6	7.4	10.1	4.9	2.3	1.5	.8	.1				32.5	9.4
SSE	2.8	3.8	2.8	1.3	.7	.5						12.0	7.7
S	.4	.7	.4									1.5	5.4
SSW	.4		.1									.5	4.0
SW	.4	.1										.5	3.3
WSW	.2											.3	3.0
W	.4	.8										1.2	4.2
WNW	.2	1.1	.3	.3								2.8	5.6
NW	1.2	1.1	1.2	1.6	.3	.1						5.7	8.7
NNW	1.0	2.0	1.3		.1							5.3	5.3
VARBL													
CALM												29.0	
	17.1	20.0	18.8	8.6	3.4	2.2	.8	.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25247 STATION WILLIAMS LAKE & C BMT APT 61-68 YEARS ALL MONTH
INSTRUMENT CLASS ALL HOURS (L.R.T.)

CONDITION
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 IF 2-1/2 MI -/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.9	1.3	.1			.0					5.7	5.0
NNE	.4	.2	.1									.6	3.9
NE	.3	.2	.0									.5	3.6
ENE	.2	.2	.1									.5	4.5
E	.3	.3	.3	.1								.9	6.2
ESE	.8	.8	.6	.2	.0							2.4	5.7
SE	3.7	6.2	6.0	2.4	.6	.1						19.1	7.1
SSE	1.7	2.3	2.0	.6	.2							6.9	6.2
S	1.4	.8	.2	.0		.0						2.4	4.0
SSW	.5	.2	.1									1.1	3.6
SW	1.1	.7	.3	.0								2.0	4.2
WSW	.7	.6	.3									1.6	4.5
W	.7	.9	.4	.1								2.2	5.1
WNW	.6	1.0	.8	.3	.0	.0						2.9	6.3
NW	2.8	3.6	4.1	1.5	.2	.0	.0					12.3	6.9
NNW	3.0	5.2	3.1	.7	.1							12.1	5.8
VARBL													
CALM												26.9	
	20.4	22.3	14.6	6.0	1.1	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 5111

DATA IN SUMMARY DERIVED FROM
1949/50
AIR FORCE STATION (AFC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a percentage frequency distribution by classes of ceiling from zero to equal to or greater than 10,000 feet and at a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. General - all years and all hours combined
2. Seasonal - all years and all hours combined
3. Directional - by compass bearing groups

In the exclusive nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The tables progress to the right and downward. Ceiling may be determined independently by reference to total in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the ceiling was missing or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Data were properly dropped out for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category included clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

INSTRUCTIONS FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING VERSUS VISIBILITY TABLE											
CEILING	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
1000	90.0	85.0	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0
1500	85.0	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0
2000	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0
2500	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0
3000	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0
3500	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0
4000	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0
4500	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0
5000	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0
5500	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0	0.0
6000	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0	0.0	0.0
6500	35.0	30.0	25.0	20.0	15.0	10.0	5.0	0.0	0.0	0.0	0.0
7000	30.0	25.0	20.0	15.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0
7500	25.0	20.0	15.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	20.0	15.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8500	15.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9000	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9500	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

EXAMPLE # 1 Find ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 90.0%.
 Ceiling ≥ 500 feet = 95.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.1%.
 Visibility ≥ 2 miles = 90.0%.
 Visibility ≥ 1 mile = 85.0%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimum stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example # 1, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet, with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these values can be required in several ways including, by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FATER PRODUCTION

CEILING VERSUS VISIBILITY

4247

ILLIONS LAKES CREST AFB

01-90

11

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	42.0	42.3	42.3	42.4	42.5	42.5	42.6	42.7	42.6	42.7	42.7	42.7	42.9	42.9	43.1	43.1
≥ 20000	48.5	48.4	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.4	49.5	49.5	49.7
≥ 18000	48.5	49.2	49.3	49.4	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.8	49.9	50.0	50.1	50.1
≥ 16000	49.3	49.3	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.4	50.5
≥ 14000	51.2	52.1	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	53.0
≥ 12000	55.4	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.6	56.7
≥ 10000	61.7	62.1	62.2	62.3	62.4	62.4	62.5	62.5	62.6	62.7	62.7	62.7	62.8	62.9	63.1	63.2
≥ 9000	63.9	64.3	64.4	64.5	64.6	64.6	64.7	64.7	64.8	64.9	64.9	64.9	65.1	65.1	65.3	65.4
≥ 8000	67.2	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.8	68.8	69.0	69.2
≥ 7000	70.4	70.9	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.8	71.8	72.1	72.1
≥ 6000	72.4	73.0	73.1	73.2	73.4	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.9	73.9	74.1	74.2
≥ 5000	76.2	76.9	77.0	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.8	77.8	78.1	78.2
≥ 4500	76.8	77.5	77.7	77.8	78.0	78.0	78.2	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.7	78.9
≥ 4000	80.6	81.3	81.7	81.8	82.0	82.0	82.2	82.2	82.2	82.3	82.4	82.4	82.5	82.6	82.6	82.9
≥ 3500	81.6	82.3	82.7	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.6	83.6	83.8	83.9
≥ 3000	84.0	85.8	86.0	86.3	86.5	86.5	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.2	87.4
≥ 2500	85.7	87.1	87.3	87.6	87.9	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.5	88.6	88.8	88.9
≥ 2000	87.2	89.9	89.1	89.5	89.9	89.9	90.2	90.2	90.3	90.4	90.5	90.5	90.7	90.7	90.9	91.1
≥ 1800	87.4	89.2	89.5	89.8	90.2	90.2	90.6	90.6	90.6	90.8	90.9	90.9	91.1	91.1	91.3	91.4
≥ 1500	88.2	90.2	90.5	90.9	91.4	91.4	91.9	91.9	92.0	92.2	92.2	92.2	92.3	92.4	92.7	92.6
≥ 1200	88.9	91.0	91.3	91.8	92.4	92.5	93.0	93.2	93.2	93.4	93.5	93.5	93.7	93.7	94.0	94.1
≥ 1000	89.4	91.5	92.0	92.6	93.3	93.3	94.0	94.2	94.2	94.7	94.8	94.8	95.0	95.1	95.3	95.4
≥ 900	89.5	91.8	92.3	92.8	93.8	93.8	94.3	94.5	94.5	95.0	95.2	95.2	95.4	95.4	95.6	95.8
≥ 800	89.7	92.1	92.5	93.1	93.9	93.9	94.7	94.9	95.0	95.5	95.8	95.8	96.0	96.1	96.3	96.5
≥ 700	89.8	92.3	92.8	93.4	94.2	94.2	95.0	95.2	95.3	95.9	96.2	96.2	96.4	96.5	96.7	96.9
≥ 600	89.9	92.5	93.0	93.7	94.5	94.5	95.4	95.6	95.7	96.3	96.7	96.7	97.0	97.0	97.2	97.4
≥ 500	90.0	92.7	93.3	94.0	94.8	94.9	95.8	96.0	96.1	96.8	97.2	97.3	97.6	97.7	97.9	98.0
≥ 400	90.0	92.9	93.4	94.2	95.1	95.2	96.1	96.4	96.5	97.2	97.6	97.7	98.1	98.1	98.4	98.5
≥ 300	90.0	92.7	93.3	94.3	95.2	95.3	96.3	96.6	96.7	97.4	97.9	98.0	98.4	98.5	98.7	98.8
≥ 200	90.0	92.9	93.8	94.3	95.3	95.4	96.4	96.6	96.8	97.7	98.1	98.2	98.7	98.8	99.0	99.0
≥ 100	90.0	92.9	93.8	94.3	95.3	95.4	96.3	96.6	96.9	97.8	98.2	98.3	98.8	98.9	99.0	99.7
≥ 0	90.0	92.9	93.8	94.3	95.3	95.4	96.3	96.6	96.9	97.8	98.2	98.3	98.8	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

70099

USAF ETAC FORM 0-14.5 (OL) 1-1-77

ATMOSPHERIC DIVISION
521 ET
12 EAST E. ICE/NO

CEILING VERSUS VISIBILITY

6897 ILLINOIS 3000 FT

61-68

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ILL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	29.4	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
18000	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
16000	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
14000	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
12000	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
10000	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
9000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
8000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
7000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
6000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
5000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
4500	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
4000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
3500	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
3000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
2500	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
2000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
1800	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
1500	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
1200	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
900	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
800	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
700	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
600	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
400	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
300	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
200	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
100	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS

5952

USAF ETAC FORM 101-54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE R C DOT APT

61-68

150

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ .4
NO CEILING	41.5	42.0	42.0	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	48.2	48.7	48.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 18000	46.4	46.9	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 16000	49.0	49.5	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 14000	51.2	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 12000	55.1	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000	62.7	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 9000	65.3	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 8000	69.3	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 7000	72.2	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	74.4	75.0	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	77.2	77.9	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4500	77.7	78.4	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	80.7	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3500	81.5	82.5	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	83.0	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	84.2	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	85.4	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1800	87.0	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1500	88.1	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1200	89.2	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	90.7	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 900	91.1	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 800	92.2	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 700	93.2	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 600	94.2	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 500	95.2	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 400	96.2	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 300	97.2	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	98.2	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

5424

USAF ETAC

FORM 54

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/MAC

CEILING VERSUS VISIBILITY

05247
STATION

HILLIARD LAKE AFB, MISSOURI
STATION NAME

61-63
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .2	≥ .1	≥ 0
NO CEILING	47.0	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
≥ 18000	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	55.0	55.0	55.0
≥ 16000	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5
≥ 14000	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.9
≥ 12000	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8
≥ 10000	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1
≥ 9000	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7
≥ 8000	69.1	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9
≥ 7000	71.8	72.2	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8
≥ 6000	74.2	74.7	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 5000	75.7	76.2	76.2	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8
≥ 4500	78.6	79.2	79.3	79.4	79.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
≥ 4000	79.1	79.7	79.8	79.8	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5
≥ 3500	83.1	83.8	83.9	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6
≥ 3000	84.2	85.0	85.0	85.2	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8
≥ 2500	87.0	88.2	88.3	88.5	88.6	88.8	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.4	89.4	89.4
≥ 2000	88.4	89.6	89.7	90.0	90.0	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0
≥ 1800	90.6	91.2	91.4	91.5	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9
≥ 1500	90.8	91.4	91.6	92.0	92.0	92.6	92.6	93.0	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.5
≥ 1200	90.9	91.3	91.3	92.3	92.3	93.0	93.8	93.8	94.6	94.6	94.7	94.8	94.9	94.9	95.0	95.1
≥ 1000	90.9	93.0	93.2	93.8	94.8	94.8	95.3	95.7	95.9	96.0	96.2	96.2	96.2	96.4	96.4	96.5
≥ 900	91.1	93.4	93.7	94.4	95.5	95.5	96.7	96.9	96.9	96.9	97.4	97.6	97.6	97.8	97.8	97.9
≥ 800	91.2	93.6	93.8	94.5	95.7	95.7	96.9	97.1	97.2	97.2	97.8	98.1	98.1	98.2	98.3	98.4
≥ 700	91.2	93.6	93.9	94.6	95.8	95.8	97.0	97.3	97.4	97.4	98.0	98.2	98.3	98.6	98.6	98.6
≥ 600	91.4	93.7	94.9	94.7	95.9	95.9	97.1	97.4	97.5	98.1	98.4	98.5	98.5	98.8	98.8	98.9
≥ 500	91.3	93.7	94.0	94.7	95.9	95.9	97.2	97.4	97.5	98.2	98.6	98.7	98.7	99.0	99.1	99.1
≥ 400	91.3	93.7	94.0	94.7	95.9	96.0	97.2	97.5	97.6	98.2	98.7	98.8	98.8	99.3	99.3	99.4
≥ 300	91.3	93.8	94.0	94.7	96.0	96.0	97.3	97.5	97.6	98.3	98.8	98.9	98.9	99.4	99.4	99.5
≥ 200	91.3	93.8	94.0	94.7	96.0	96.0	97.3	97.5	97.6	98.3	98.8	98.9	98.9	99.5	99.5	99.7
≥ 100	91.3	93.8	94.0	94.8	96.0	96.0	97.3	97.6	97.7	98.3	98.9	99.0	99.0	99.6	99.6	99.9
≥ 0	91.3	93.8	94.0	94.8	96.0	96.0	97.3	97.6	97.7	98.3	98.9	99.0	99.0	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

5952

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CRAFT SERVICE/PAO

CEILING VERSUS VISIBILITY

02647

WILLIAMS LAKE AFB, IDAHO

61-66

YEARS

PER

11

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.0
≥ 20000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 18000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	51.1
IV 16000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 14000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.1
IV 12000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1
IV 10000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.1
IV 9000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.2
IV 8000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4
IV 7000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2
IV 6000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.7
IV 5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
IV 4500	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2
IV 4000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
IV 3500	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.1
IV 3000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8
IV 2500	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.4
IV 2000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.9
IV 1800	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.2
IV 1500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1
IV 1200	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.2
IV 1000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.7
IV 900	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.0
IV 800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.4
IV 700	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.8
IV 600	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2
IV 500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6
IV 400	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0
IV 300	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
IV 200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7
IV 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

5757

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE 800 FT
STATION

61-69

YEARS

5Y

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HC 61-69

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.7	42.8	42.8	42.8	42.9	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0
≥ 20000	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 18000	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
IV 16000	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 14000	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 10000	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1
IV 9000	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
IV 8000	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
IV 7000	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
IV 6000	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.8
IV 5000	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1
IV 4500	77.5	77.7	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1
IV 4000	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.8
IV 3500	84.0	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
IV 3000	90.3	90.0	90.0	90.1	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
IV 2500	90.8	91.4	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
IV 2000	92.2	92.9	93.0	93.1	93.2	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7
IV 1800	92.5	93.3	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1
IV 1500	93.3	94.0	94.8	94.9	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.6
IV 1200	93.9	95.0	95.2	95.4	95.5	95.5	95.5	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1
IV 1000	94.5	95.9	96.1	96.3	96.5	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.2
IV 900	94.6	95.0	96.3	96.5	96.7	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.4
IV 800	94.8	96.4	96.7	96.9	97.1	97.1	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	98.0
IV 700	94.9	96.7	97.0	97.3	97.5	97.5	97.8	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.4
IV 600	95.0	97.0	97.3	97.6	97.8	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 500	95.1	97.2	97.5	97.8	98.2	98.2	98.6	98.7	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.3
IV 400	95.2	97.2	97.6	97.9	98.3	98.3	98.7	98.8	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.4
IV 300	95.2	97.3	97.6	97.9	98.4	98.4	98.8	98.9	98.9	99.2	99.3	99.3	99.3	99.4	99.5	99.6
IV 200	95.2	97.3	97.6	98.0	98.4	98.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.8
IV 100	95.2	97.3	97.6	98.0	98.4	98.4	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.7	99.9
IV 0	95.2	97.3	97.6	98.0	98.4	98.4	98.9	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE JC OUT APT

01-60

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	48.3	49.3	49.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 10000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 9000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 8000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	96.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	96.0	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	96.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	96.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1000	96.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	96.7	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	96.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	96.8	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	96.8	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	96.8	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	96.8	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	96.9	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

5758

USAF ETAC

FORM
RUE 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT FR SERVICE/AC

CEILING VERSUS VISIBILITY

20247 WILLIAMS LAKE R. C. OUT APT

61-65

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	¾	¾	≥ 0
NO CEILING	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.3	50.3
≥ 20000	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.5
IV 18000	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.8
IV 16000	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.1	57.1
IV 14000	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.9	58.9
IV 12000	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.9
IV 10000	67.0	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.6	67.7
IV 9000	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.3	69.3
IV 8000	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.7	72.7
IV 7000	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.6	74.6	74.8	74.8	75.0	75.1
IV 6000	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.9	77.9
IV 5000	81.3	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.2	82.3	82.3
IV 4500	82.1	82.6	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.4	83.4
IV 4000	87.3	87.8	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.5	88.7	88.7
IV 3500	88.1	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.5	89.5
IV 3000	90.8	91.3	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.3	92.3	92.5	92.5
IV 2500	92.1	92.9	93.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.6	93.6	93.9	93.9
IV 2000	93.4	94.4	94.5	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.6	95.6
IV 1800	93.7	94.7	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.9	95.9
IV 1500	94.1	95.1	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.4
IV 1200	94.4	95.4	95.6	95.9	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.9	97.0
IV 1000	94.8	95.9	96.1	96.5	96.9	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.6	97.7
IV 900	94.9	95.1	96.3	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.6	97.6
IV 800	95.0	96.3	96.5	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.8	97.8	98.0	98.1
IV 700	95.2	96.4	96.7	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.8	97.9	98.1	98.1	98.3	98.4
IV 600	95.3	96.6	96.8	97.3	97.7	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.6	98.6
IV 500	95.3	96.8	97.1	97.5	98.1	98.1	98.4	98.5	98.5	98.5	98.6	98.6	98.8	98.8	99.0	99.1
IV 400	95.4	96.9	97.2	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.9	98.9	99.0	99.1	99.3	99.4
IV 300	95.4	96.9	97.2	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.1	99.3	99.4
IV 200	95.4	97.0	97.3	97.8	98.4	98.4	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.7	99.8
IV 100	95.4	97.0	97.3	97.8	98.5	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.9	99.9
IV 0	95.4	97.0	97.3	97.8	98.5	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

5950

USAF ETAC

FORM
101-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

15247 WILLIAMS LAKE AFB DAY APT

01-65

YEAR

206

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

211

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	51.9	52.7	53.3	53.1	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	57.7	57.6	58.3	57.7	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	58.1	59.0	59.3	59.3	59.6	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	60.7	61.0	61.4	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	63.9	64.8	65.1	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	69.1	70.0	70.4	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	71.0	71.9	72.3	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	74.4	75.3	75.7	76.0	76.1	76.1	76.2	76.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	77.1	78.0	78.4	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	78.9	79.9	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	82.0	83.8	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	83.2	84.3	84.9	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	86.9	88.3	88.7	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	87.7	89.1	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	90.0	92.2	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	91.0	93.4	94.0	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	92.9	94.7	95.3	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	93.0	94.8	95.3	95.7	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	93.4	95.3	95.9	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	93.9	95.7	96.4	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	94.1	96.0	96.7	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	94.2	96.2	96.9	97.2	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	94.2	96.2	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	94.3	96.3	97.1	97.5	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	94.3	96.3	97.2	97.6	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	94.3	96.6	97.3	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	94.3	96.6	97.4	97.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	94.3	96.6	97.4	97.9	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	94.3	96.6	97.4	98.0	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	94.3	96.6	97.4	98.0	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	94.3	96.6	97.4	98.0	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

3321

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

75247
STATION

WILLIAMS LAKE S C MT APT
STATION NAME

01-60
YEARS

YEARS

11 P
MON

LL
NUMBER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	47.4	47.5	47.6	47.6	47.6	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.2	48.2	48.4	48.5
IV 18000	55.1	55.2	55.3	55.3	55.4	55.4	55.5	55.5	55.6	55.6	55.7	55.7	55.8	55.8	56.1	56.2
IV 16000	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.3	56.3	56.4	56.4	56.5	56.5	56.7	56.9
IV 14000	56.2	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.8	56.8	56.9	56.9	57.0	57.0	57.3	57.4
IV 12000	60.3	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.3	61.4
IV 10000	65.4	65.5	65.6	65.6	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.4	66.5
IV 8000	72.3	72.7	72.8	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.6	73.8
IV 7000	74.4	74.9	74.9	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.5	75.5	75.6	75.9
IV 6000	77.3	78.0	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.5	78.6	78.6	78.7	78.7	79.0	79.2
IV 5000	80.6	81.2	81.2	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.9	81.9	82.2	82.4
IV 4500	82.6	83.2	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	84.0	84.0	84.3	84.4
IV 4000	85.7	86.3	86.3	86.4	86.5	86.5	86.8	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.4	87.5
IV 3500	86.3	86.9	87.0	87.0	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.8	87.8	88.1	88.2
IV 3000	88.9	89.5	89.5	89.7	89.8	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.5	90.5	90.7	90.9
IV 2500	90.3	90.3	90.3	90.4	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.2	91.2	91.5	91.6
IV 2000	91.7	91.6	91.7	91.7	91.9	92.0	92.2	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.9	93.1
IV 1800	92.3	92.3	92.3	92.3	92.5	92.5	92.7	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.4	93.5
IV 1500	93.0	93.3	93.3	93.3	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.4	94.5
IV 1200	93.5	93.5	93.5	93.5	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.3	94.3	94.6	94.7
IV 1000	93.8	93.8	93.8	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.6	94.6	94.9	95.0
IV 900	94.3	94.3	94.3	94.3	94.5	94.5	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.4	95.5
IV 800	94.6	94.6	94.6	94.6	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.7	95.8
IV 700	94.8	94.8	94.8	94.8	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.9	96.0
IV 600	94.9	94.9	94.9	94.9	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.7	95.7	96.0	96.1
IV 500	95.0	95.0	95.0	95.0	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.8	95.8	96.1	96.2
IV 400	95.1	95.1	95.1	95.1	95.3	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.9	95.9	96.2	96.3
IV 300	95.2	95.2	95.2	95.2	95.4	95.4	95.6	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.3	96.4
IV 200	95.3	95.3	95.3	95.3	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.4	96.5
IV 100	95.4	95.4	95.4	95.4	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.5	96.6
IV 0	95.5	95.5	95.5	95.5	95.7	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.6	96.7

TOTAL NUMBER OF OBSERVATIONS

5760

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT EX SERVICE/AC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE AFB, ID

61-63

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

44

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	≥ 0
NO CEILING	37.2	37.8	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	47.2	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	51.6	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	80.7	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	81.2	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	85.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	87.0	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	88.2	89.2	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	89.7	90.3	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	90.0	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	90.7	91.8	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	91.2	92.4	92.6	92.6	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	91.7	92.7	93.2	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	91.7	93.0	93.3	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	91.8	93.1	93.4	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	91.9	93.2	93.5	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	92.1	93.3	93.9	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	92.2	93.7	94.2	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	92.4	93.9	94.4	94.7	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	92.4	94.0	94.5	95.2	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	92.4	94.0	94.5	95.3	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 100	92.4	94.0	94.5	95.3	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0	92.4	94.0	94.5	95.3	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS

395

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AT: PROFESSOR. DIVISION
USAF: ETA
CIR: EAST OF WILSON

CEILING VERSUS VISIBILITY

75247 - ILLINOIS STATE DEPT. OF AGR.

41-231

16.56°

2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

..L

[illegible]

TOTAL NUMBER OF OBSERVATIONS

5760

USAF ETAC

54

[illegible]

DATA PROCESSING DIVISION
USAF ETAP
AIR FORT MONROE VIRGINIA

CEILING VERSUS VISIBILITY

6237 106-285-1-10T-10T-10T

61-63

482

440

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	31.4	31.4	31.5	31.7	32.0	32.3	32.4	32.4	32.3	32.5	32.7	32.7	32.9	32.9	33.0	33.1
≥ 20000	32.1	32.3	32.5	32.7	32.9	33.2	33.2	33.2	33.0	33.2	33.4	33.4	33.6	33.6	33.7	33.8
IV 18000	32.4	32.6	32.8	33.0	33.2	33.5	33.5	33.5	33.3	33.5	33.7	33.7	33.9	33.9	34.0	34.1
IV 16000	32.9	33.1	33.3	33.5	33.7	34.0	34.0	34.0	33.8	34.0	34.2	34.2	34.4	34.4	34.5	34.6
IV 14000	33.4	33.6	33.8	34.0	34.2	34.5	34.5	34.5	34.3	34.5	34.7	34.7	34.9	34.9	35.0	35.1
IV 12000	33.9	34.1	34.3	34.5	34.7	35.0	35.0	35.0	34.8	35.0	35.2	35.2	35.4	35.4	35.5	35.6
IV 10000	34.4	34.6	34.8	35.0	35.2	35.5	35.5	35.5	35.3	35.5	35.7	35.7	35.9	35.9	36.0	36.1
IV 9000	34.9	35.1	35.3	35.5	35.7	36.0	36.0	36.0	35.8	36.0	36.2	36.2	36.4	36.4	36.5	36.6
IV 8000	35.4	35.6	35.8	36.0	36.2	36.5	36.5	36.5	36.3	36.5	36.7	36.7	36.9	36.9	37.0	37.1
IV 7000	35.9	36.1	36.3	36.5	36.7	37.0	37.0	37.0	36.8	37.0	37.2	37.2	37.4	37.4	37.5	37.6
IV 6000	36.4	36.6	36.8	37.0	37.2	37.5	37.5	37.5	37.3	37.5	37.7	37.7	37.9	37.9	38.0	38.1
IV 5000	36.9	37.1	37.3	37.5	37.7	38.0	38.0	38.0	37.8	38.0	38.2	38.2	38.4	38.4	38.5	38.6
IV 4500	37.4	37.6	37.8	38.0	38.2	38.5	38.5	38.5	38.3	38.5	38.7	38.7	38.9	38.9	39.0	39.1
IV 4000	37.9	38.1	38.3	38.5	38.7	39.0	39.0	39.0	38.8	39.0	39.2	39.2	39.4	39.4	39.5	39.6
IV 3500	38.4	38.6	38.8	39.0	39.2	39.5	39.5	39.5	39.3	39.5	39.7	39.7	39.9	39.9	40.0	40.1
IV 3000	38.9	39.1	39.3	39.5	39.7	40.0	40.0	40.0	39.8	40.0	40.2	40.2	40.4	40.4	40.5	40.6
IV 2500	39.4	39.6	39.8	40.0	40.2	40.5	40.5	40.5	40.3	40.5	40.7	40.7	40.9	40.9	41.0	41.1
IV 2000	39.9	40.1	40.3	40.5	40.7	41.0	41.0	41.0	40.8	41.0	41.2	41.2	41.4	41.4	41.5	41.6
IV 1800	40.4	40.6	40.8	41.0	41.2	41.5	41.5	41.5	41.3	41.5	41.7	41.7	41.9	41.9	42.0	42.1
IV 1500	40.9	41.1	41.3	41.5	41.7	42.0	42.0	42.0	41.8	42.0	42.2	42.2	42.4	42.4	42.5	42.6
IV 1200	41.4	41.6	41.8	42.0	42.2	42.5	42.5	42.5	42.3	42.5	42.7	42.7	42.9	42.9	43.0	43.1
IV 1000	41.9	42.1	42.3	42.5	42.7	43.0	43.0	43.0	42.8	43.0	43.2	43.2	43.4	43.4	43.5	43.6
IV 900	42.4	42.6	42.8	43.0	43.2	43.5	43.5	43.5	43.3	43.5	43.7	43.7	43.9	43.9	44.0	44.1
IV 800	42.9	43.1	43.3	43.5	43.7	44.0	44.0	44.0	43.8	44.0	44.2	44.2	44.4	44.4	44.5	44.6
IV 700	43.4	43.6	43.8	44.0	44.2	44.5	44.5	44.5	44.3	44.5	44.7	44.7	44.9	44.9	45.0	45.1
IV 600	43.9	44.1	44.3	44.5	44.7	45.0	45.0	45.0	44.8	45.0	45.2	45.2	45.4	45.4	45.5	45.6
IV 500	44.4	44.6	44.8	45.0	45.2	45.5	45.5	45.5	45.3	45.5	45.7	45.7	45.9	45.9	46.0	46.1
IV 400	44.9	45.1	45.3	45.5	45.7	46.0	46.0	46.0	45.8	46.0	46.2	46.2	46.4	46.4	46.5	46.6
IV 300	45.4	45.6	45.8	46.0	46.2	46.5	46.5	46.5	46.3	46.5	46.7	46.7	46.9	46.9	47.0	47.1
IV 200	45.9	46.1	46.3	46.5	46.7	47.0	47.0	47.0	46.8	47.0	47.2	47.2	47.4	47.4	47.5	47.6
IV 100	46.4	46.6	46.8	47.0	47.2	47.5	47.5	47.5	47.3	47.5	47.7	47.7	47.9	47.9	48.0	48.1
0	46.9	47.1	47.3	47.5	47.7	48.0	48.0	48.0	47.8	48.0	48.2	48.2	48.4	48.4	48.5	48.6

TOTAL NUMBER OF OBSERVATIONS

5732

USAF ETAC

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0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

75267 JUL 10 1981 FBI - NEW YORK

0000-0200

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14.5 (OL 1) PREPARED BY: [redacted] DATE: [redacted] 1985

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE AFB G. INT. APT

61-69

06-4

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	0.0	30.9	30.9	31.2	31.2	31.3	31.2	31.7	41.7	31.7	31.7	31.7	32.0	32.1	32.1	33.2
≥ 20000	14.8	35.1	35.1	35.3	35.5	35.5	35.5	35.7	35.9	35.9	35.9	35.9	36.2	36.3	37.0	37.4
≥ 18000	35.1	35.3	35.3	35.6	35.8	35.8	36.0	36.2	36.2	36.2	36.2	36.3	36.4	36.6	37.2	37.6
≥ 16000	35.3	35.8	35.8	36.0	36.2	36.2	36.4	36.6	36.6	36.6	36.6	36.7	36.8	37.0	37.6	38.0
≥ 14000	36.7	37.0	37.0	37.2	37.4	37.4	37.6	37.7	37.8	37.8	37.8	37.9	38.0	38.2	38.8	39.2
≥ 12000	42.5	42.7	42.7	43.0	43.1	43.1	43.4	43.5	43.5	43.5	43.5	43.7	43.8	44.0	44.0	44.5
≥ 10000	49.3	49.7	49.7	50.0	50.1	50.1	50.4	50.5	50.5	50.5	50.5	50.7	50.8	50.9	51.4	52.3
≥ 9000	52.8	53.4	53.4	53.6	53.7	53.7	54.0	54.2	54.2	54.2	54.2	54.3	54.4	54.6	55.2	55.5
≥ 8000	57.0	57.5	57.5	57.7	57.9	57.9	58.2	58.4	58.3	58.3	58.3	58.5	58.6	58.7	59.4	60.1
≥ 7000	59.0	60.2	60.2	60.5	60.6	60.6	60.9	61.3	61.0	61.0	61.0	61.2	61.3	61.4	62.1	62.8
≥ 6000	63.0	62.1	62.1	62.5	62.6	62.6	62.9	63.3	63.0	63.0	63.0	63.2	63.3	63.4	64.1	64.8
≥ 5000	63.2	64.7	64.7	65.3	65.5	65.5	65.7	65.9	65.9	65.9	65.9	66.0	66.1	66.2	66.9	67.6
≥ 4500	63.0	65.5	65.5	65.9	66.0	66.0	66.3	66.4	66.4	66.4	66.4	66.5	66.7	66.8	67.5	68.1
≥ 4000	63.0	65.0	65.0	65.5	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.2	66.4	66.5	67.2	67.8
≥ 3500	66.1	68.5	68.5	69.2	69.4	69.4	69.6	69.8	69.8	69.8	69.8	69.9	70.0	70.2	70.8	71.5
≥ 3000	66.1	71.1	71.1	72.0	72.4	72.4	72.7	72.8	72.8	72.8	72.8	73.0	73.1	73.3	73.9	74.6
≥ 2500	69.0	73.0	73.4	74.1	75.3	75.3	75.5	75.7	75.7	75.7	75.7	75.8	75.9	76.1	76.7	77.4
≥ 2000	70.8	74.5	75.0	75.8	77.4	77.6	78.2	78.4	78.4	78.4	78.4	78.5	78.6	78.9	79.4	80.1
≥ 1800	71.4	75.0	75.5	76.3	78.1	78.2	79.0	79.2	79.2	79.2	79.2	79.3	79.4	79.6	80.2	80.9
≥ 1500	72.2	75.2	75.7	77.7	79.6	79.7	80.6	80.8	80.9	81.2	81.2	81.3	81.5	81.6	82.3	82.9
≥ 1200	74.1	74.1	75.6	79.6	81.0	81.9	82.9	83.4	83.6	84.0	84.0	84.1	84.3	84.4	85.1	85.8
≥ 1000	75.3	80.1	80.8	82.0	84.4	84.5	85.3	86.1	86.4	86.8	87.1	87.4	87.5	87.6	88.4	89.1
≥ 900	75.7	80.2	80.9	82.1	84.4	84.7	85.9	86.5	86.7	87.1	87.4	87.6	87.8	87.9	88.7	89.4
≥ 800	75.1	80.8	81.5	82.7	84.7	85.2	86.0	87.2	87.4	88.0	88.6	88.9	89.0	89.1	89.9	90.5
≥ 700	75.2	81.3	82.0	83.2	85.5	85.8	87.1	87.8	87.9	89.1	89.8	90.1	90.2	90.5	91.3	91.9
≥ 600	76.5	81.5	82.5	83.7	86.0	86.3	88.0	88.7	88.8	90.1	91.0	91.3	91.4	91.7	92.5	93.1
≥ 500	76.5	81.6	82.7	83.9	86.4	86.7	88.4	89.5	89.7	91.1	92.1	92.3	92.7	93.0	93.9	94.5
≥ 400	76.5	82.0	83.1	84.3	86.8	87.1	88.8	90.1	90.2	91.7	93.0	93.3	93.7	94.0	94.8	95.4
≥ 300	76.0	82.8	83.9	85.1	87.6	87.9	89.8	91.4	91.5	93.3	94.6	94.9	95.6	95.8	96.6	97.3
≥ 200	76.6	82.8	84.0	85.2	87.8	88.0	89.9	91.9	91.7	93.8	95.2	95.4	96.2	96.5	97.3	98.1
≥ 100	76.0	82.4	84.0	85.2	87.8	88.0	90.2	91.8	91.9	94.4	95.7	96.0	97.4	97.7	98.9	99.7
≥ 0	76.0	82.8	84.0	85.2	87.8	88.0	90.2	91.8	91.9	94.4	95.7	96.0	97.4	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1)

IF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FATER SERVICE/100

CEILING VERSUS VISIBILITY

75247
STATION

101145 LKX 10 17 17
STATION NAME

01-62
YEAR

YEAR

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.2	23.7	23.7	23.8	23.9	23.9	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.4
≥ 20000	26.1	26.5	26.5	26.6	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.2	27.2	27.4
≥ 18000	26.2	26.6	26.6	26.7	26.7	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.4
≥ 16000	26.3	26.7	26.7	26.9	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4	27.4	27.7
≥ 14000	28.4	28.8	28.8	28.9	29.1	29.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.7
≥ 12000	32.9	33.5	33.5	33.6	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.4
≥ 10000	35.7	40.2	40.2	40.5	40.6	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.3
≥ 9000	43.5	44.4	44.4	44.5	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.4
≥ 8000	46.7	49.5	49.5	49.9	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.7
≥ 7000	52.8	54.3	54.3	54.6	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.4
≥ 6000	55.1	56.6	56.6	56.9	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.7
≥ 5000	59.4	61.2	61.2	61.7	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.5
≥ 4500	59.9	61.7	61.7	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	63.0
≥ 4000	63.7	65.6	65.6	66.4	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.2
≥ 3500	64.8	66.7	66.7	67.3	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.3
≥ 3000	67.6	69.9	69.9	70.3	71.1	71.1	71.2	71.2	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.2
≥ 2500	70.5	72.8	72.8	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.9
≥ 2000	70.3	73.4	73.4	73.7	74.1	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.9
≥ 1800	70.4	73.8	73.8	74.2	74.5	74.5	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.3
≥ 1500	72.7	75.6	75.6	76.0	76.3	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.1
≥ 1200	73.8	78.3	78.3	78.8	79.1	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.9
≥ 1000	74.2	79.3	79.3	79.8	80.1	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.9
≥ 900	74.5	79.7	79.7	80.2	80.5	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.3
≥ 800	74.8	80.0	80.0	80.5	80.8	80.8	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.6
≥ 700	74.9	80.2	80.2	80.7	81.0	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.8
≥ 600	75.2	81.2	81.2	81.7	82.0	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.8
≥ 500	75.3	81.6	81.6	82.1	82.4	82.4	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.2
≥ 400	75.5	81.8	81.8	82.3	82.6	82.6	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.4
≥ 300	75.7	82.0	82.0	82.5	82.8	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.6
≥ 200	75.7	82.0	82.0	82.5	82.8	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.6
≥ 100	75.7	82.0	82.0	82.5	82.8	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.6
≥ 0	75.7	82.0	82.0	82.5	82.8	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.6

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE CO. DIST. APT
STATION NAME

61-60
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
MONTH

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	20.4	20.4	20.4	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
IV 20000	20.4	27.3	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
IV 18000	27.3	27.7	27.7	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 16000	28.3	28.5	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
IV 14000	31.2	31.7	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
IV 12000	35.4	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 10000	42.2	42.7	42.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 9000	46.3	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 8000	51.7	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 7000	54.6	55.4	55.4	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 6000	55.8	56.9	57.0	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 5000	61.2	62.4	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 4500	62.1	63.4	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 4000	65.7	67.4	67.6	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3500	66.8	68.4	68.7	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 3000	70.2	72.0	72.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 2500	71.2	73.4	73.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2000	73.4	75.5	77.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 1800	73.9	77.0	77.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 1500	74.6	78.1	78.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 1200	75.5	79.4	80.1	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 1000	75.8	80.1	80.8	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 900	76.3	80.7	81.9	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 800	76.4	81.6	82.5	84.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 700	76.9	81.6	82.5	84.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 600	77.4	82.8	83.7	85.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 500	77.6	83.6	84.5	86.3	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 400	77.6	83.7	84.7	86.4	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 300	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 200	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 100	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 0	77.6	83.7	84.8	86.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 10-54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE/DOC

CEILING VERSUS VISIBILITY

25247
STATIONWILLIAMS LAKE M C BPT APT
STATION NAME61-66
YEARSA. A.
VOLUMEPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
MONTH

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 20000	36.6	37.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 18000	37.1	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 16000	37.6	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	40.7	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 12000	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 10000	53.8	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	57.4	58.1	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	60.8	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	63.0	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	65.7	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	67.3	68.8	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500	68.4	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	72.4	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	73.4	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	77.7	79.3	79.6	79.8	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 2500	78.8	80.9	81.3	81.6	82.0	82.1	82.4	82.5	82.5	82.8	82.9	83.1	83.1	83.1	83.1	83.1
≥ 2000	79.4	81.7	82.3	82.8	83.2	83.3	83.9	84.3	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8
≥ 1800	80.0	82.3	82.8	83.3	83.9	84.3	84.7	84.8	85.1	85.3	85.5	85.6	85.6	85.6	85.6	85.6
≥ 1500	81.4	82.9	83.6	84.3	85.3	85.8	86.4	86.7	87.0	87.4	87.5	87.6	87.6	87.6	87.6	87.6
≥ 1200	81.5	84.5	85.2	86.2	87.2	87.6	88.6	89.1	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2
≥ 1000	81.6	84.8	85.6	86.7	88.0	88.4	89.7	90.5	91.0	91.9	92.1	92.2	92.2	92.2	92.2	92.3
≥ 900	82.0	85.3	86.2	87.2	88.6	89.0	90.2	91.1	91.7	92.9	93.0	93.1	93.1	93.1	93.1	93.3
≥ 800	82.3	85.8	86.6	87.6	89.0	89.4	90.7	91.7	92.2	93.7	94.8	94.9	95.3	95.7	95.7	95.4
≥ 700	82.4	85.8	86.6	87.6	89.0	89.4	90.7	91.7	92.2	93.7	94.8	94.9	95.3	95.7	95.7	95.4
≥ 600	82.4	86.2	87.0	88.2	89.5	89.9	91.3	92.2	92.7	94.2	95.7	95.8	96.4	96.8	96.8	97.0
≥ 500	82.4	86.2	87.3	88.2	89.7	90.1	91.7	92.6	93.1	94.8	96.2	96.5	97.2	97.6	97.7	98.2
≥ 400	82.5	86.4	87.2	88.4	90.1	90.5	92.2	93.3	93.8	95.4	96.9	97.2	98.0	98.4	98.5	99.3
≥ 300	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.6	99.9
≥ 200	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0
≥ 100	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0
≥ 0	82.5	86.6	87.4	88.6	90.2	90.6	92.3	93.4	94.0	95.7	97.2	97.4	98.5	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR BEATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

ILLIAMS LAKE AFB, MONT
STATION NAME

61-42
YEAR

100
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 18000	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 16000	27.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 12000	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 10000	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 5000	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3500	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	80.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	81.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	83.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 800	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 700	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 500	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 400	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 300	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 200	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 100	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE AFB, IDAHO
STATION NAME

61-68
YEARS

YEARS

MONTH
1900-2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	35.2	33.3	35.5	35.5	35.5	35.3	36.2	36.3	36.3	37.0	37.1	37.1	37.6	37.6	38.2	38.3
IV 18000	38.0	38.7	38.8	39.0	39.1	39.1	39.2	39.7	39.7	40.3	40.3	40.5	41.0	41.0	41.5	41.7
IV 16000	38.0	39.0	39.1	39.2	39.4	39.4	39.9	39.9	40.6	40.7	40.7	41.3	41.3	41.8	42.3	42.5
IV 14000	42.0	42.7	42.9	43.1	43.1	43.1	43.5	43.7	43.7	44.4	44.5	44.5	45.0	45.0	45.0	45.7
IV 12000	43.4	43.6	43.7	43.7	44.0	44.0	46.4	46.5	46.5	47.2	47.3	47.3	47.8	47.8	48.4	48.5
IV 10000	52.0	52.2	52.3	52.4	52.6	52.6	53.6	53.6	53.1	53.1	53.8	53.9	53.9	54.4	54.4	55.1
IV 9000	54.6	54.7	54.8	55.1	55.1	55.1	55.5	55.6	55.6	56.3	56.5	56.5	57.0	57.0	57.7	57.8
IV 8000	57.1	57.3	57.4	57.5	57.7	57.7	58.2	58.3	58.3	59.0	59.1	59.1	59.7	59.7	60.3	60.5
IV 7000	59.1	59.4	59.5	59.7	59.8	59.8	60.3	60.3	60.5	61.2	61.3	61.3	61.8	61.8	62.5	62.6
IV 6000	61.4	61.7	61.8	62.0	62.1	62.1	62.6	62.8	62.8	63.4	63.6	63.6	64.1	64.1	64.8	64.8
IV 5000	66.3	66.4	66.7	67.1	67.3	67.3	67.7	68.0	68.0	68.7	68.8	68.8	69.4	69.4	70.0	70.2
IV 4500	68.3	68.3	68.4	68.8	68.8	68.8	69.4	69.5	69.5	70.2	70.3	70.3	70.8	70.8	71.5	71.5
IV 4000	71.2	71.9	72.0	72.2	72.4	72.4	72.4	73.0	73.1	73.1	73.6	73.9	73.9	74.5	75.1	75.3
IV 3500	71.4	72.0	72.7	72.8	73.3	73.3	73.8	73.9	73.9	74.6	74.7	74.7	75.3	75.3	75.9	76.1
IV 3000	75.0	76.7	77.3	77.6	78.0	78.0	78.5	78.6	78.6	79.4	79.6	79.6	80.1	80.1	80.8	80.9
IV 2500	75.3	76.2	76.8	76.9	80.0	80.0	80.5	80.6	80.6	81.5	81.6	81.6	82.1	82.1	82.8	82.9
IV 2000	77.0	78.0	81.3	82.0	83.1	83.1	83.9	84.0	84.0	84.9	85.1	85.1	85.6	85.6	86.3	86.4
IV 1800	78.1	78.9	81.6	82.3	83.5	83.5	84.3	84.7	84.7	85.6	85.8	85.8	86.3	86.3	87.0	87.1
IV 1500	78.6	82.0	83.1	83.7	85.1	85.1	86.3	86.6	86.6	87.0	87.9	88.0	88.7	88.6	89.2	89.4
IV 1200	79.0	83.5	84.7	85.3	86.7	86.7	88.0	88.6	88.6	89.9	90.1	90.1	90.6	90.6	91.3	91.4
IV 1000	80.2	84.4	85.6	86.3	87.0	87.6	89.2	89.9	90.2	92.3	92.6	92.6	93.1	93.1	93.9	94.0
IV 900	80.8	84.7	85.9	86.6	87.9	87.9	89.7	90.3	90.7	92.9	93.1	93.1	93.7	93.7	94.4	94.5
IV 800	80.9	84.7	86.0	86.7	88.0	88.0	89.9	90.6	91.0	93.3	94.0	94.1	94.6	94.6	95.4	95.6
IV 700	80.8	85.1	86.4	87.2	88.6	88.6	90.3	91.1	91.3	94.0	94.6	94.8	95.3	95.3	96.1	96.2
IV 600	80.9	85.3	86.7	87.5	89.0	89.0	90.9	91.5	91.9	94.4	95.2	95.3	95.8	95.8	96.6	96.8
IV 500	81.5	86.0	87.4	88.2	89.8	89.8	91.7	92.3	92.7	95.3	96.4	96.6	97.2	97.2	98.0	98.1
IV 400	81.7	86.4	87.8	88.6	90.2	90.2	92.2	92.9	93.3	95.8	97.0	97.2	97.8	97.8	98.7	98.8
IV 300	81.7	86.6	87.9	88.7	90.3	90.3	92.3	93.0	93.4	96.0	97.2	97.4	98.0	98.0	98.8	98.9
IV 200	81.7	86.6	87.9	88.7	90.3	90.3	92.3	93.0	93.4	96.0	97.2	97.4	98.0	98.0	98.8	98.9
IV 100	81.7	86.6	87.9	88.8	90.3	90.3	92.6	93.3	93.7	96.4	97.8	98.1	98.7	98.7	99.9	100.0
IV 0	81.7	86.6	87.9	88.8	90.3	90.3	92.6	93.3	93.7	96.4	97.8	98.1	98.7	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/TAC

CEILING VERSUS VISIBILITY

28247
STATION

WILLIAMS LAKE A.C. UNIT APT
STATION NAME

61-64
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
NOTES

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	35.2	35.5	35.5	35.4	35.6	35.6	36.0	36.0	36.0	36.3	36.3	36.6	36.6	36.6	37.6	37.6
IV 20000	40.2	40.6	40.6	40.7	40.7	40.7	41.1	41.1	41.1	41.4	41.4	41.4	41.7	41.7	42.7	42.9
IV 18000	40.6	41.0	41.0	41.1	41.1	41.1	41.5	41.5	41.5	41.8	41.8	41.8	42.1	42.1	43.1	43.3
IV 16000	41.3	41.7	41.7	41.8	41.8	41.8	42.2	42.2	42.2	42.5	42.5	42.5	42.7	42.7	43.8	44.0
IV 14000	42.4	43.3	43.3	43.4	43.4	43.4	43.8	43.8	43.8	44.1	44.1	44.1	44.4	44.4	45.4	45.6
IV 12000	46.6	47.0	47.0	47.2	47.2	47.2	47.6	47.6	47.6	47.8	47.8	47.8	48.1	48.1	49.2	49.3
IV 10000	51.7	52.6	52.6	52.7	52.7	52.7	53.1	53.1	53.1	53.4	53.4	53.4	53.6	53.6	54.7	54.8
IV 9000	54.6	55.5	55.5	55.6	55.6	55.6	56.0	56.0	56.0	56.3	56.3	56.3	56.6	56.6	57.7	57.8
IV 8000	56.7	57.9	57.9	58.2	58.2	58.2	58.7	58.7	58.7	59.0	59.0	59.0	59.3	59.3	60.3	60.5
IV 7000	58.7	59.9	59.9	60.2	60.2	60.2	60.8	60.8	60.8	61.0	61.0	61.0	61.3	61.3	62.4	62.5
IV 6000	61.6	62.9	62.9	63.2	63.2	63.2	63.7	63.7	63.7	64.0	64.0	64.0	64.2	64.2	65.3	65.5
IV 5000	65.1	66.5	66.5	66.8	66.8	66.8	67.3	67.3	67.3	67.6	67.6	67.6	67.9	67.9	69.0	69.1
IV 4500	66.0	67.5	67.5	67.7	67.7	67.7	68.3	68.3	68.3	68.5	68.5	68.5	68.8	68.8	69.9	70.0
IV 4000	69.9	71.9	71.9	72.3	72.3	72.3	72.8	72.8	72.8	73.1	73.1	73.1	73.4	73.4	74.5	74.6
IV 3500	70.4	72.4	72.4	73.0	73.0	73.0	73.5	73.5	73.5	73.8	73.8	73.8	74.1	74.1	75.1	75.3
IV 3000	73.4	75.8	75.8	76.3	76.3	76.3	76.9	76.9	76.9	77.2	77.2	77.2	77.4	77.4	78.5	78.6
IV 2500	73.9	76.9	77.0	77.4	77.4	77.4	78.0	78.0	78.0	78.2	78.2	78.2	78.5	78.5	79.6	79.7
IV 2000	76.5	80.4	80.5	81.3	81.3	81.3	82.0	82.0	82.0	82.3	82.3	82.3	82.5	82.5	83.6	83.7
IV 1800	77.0	81.0	81.2	82.0	82.1	82.1	82.7	82.7	82.7	82.9	82.9	82.9	83.2	83.2	84.3	84.4
IV 1500	77.7	82.4	82.5	83.3	83.7	83.9	84.6	84.6	84.6	85.1	85.1	85.1	85.3	85.3	86.4	86.5
IV 1200	78.4	83.9	84.0	85.2	85.8	85.9	86.7	87.1	87.1	87.9	87.9	87.9	88.3	88.3	89.4	89.5
IV 1000	79.2	84.7	84.8	86.2	86.7	86.8	88.0	88.4	88.4	89.9	89.9	89.9	90.3	90.3	91.4	91.5
IV 900	79.3	84.9	85.1	86.4	87.4	87.5	89.0	89.4	89.4	90.9	90.9	90.9	91.4	91.4	92.5	92.6
IV 800	79.4	85.1	85.2	86.6	87.5	87.6	89.2	90.1	90.1	91.9	91.9	91.9	92.5	92.5	93.5	93.7
IV 700	79.6	85.2	85.3	86.7	87.6	87.8	89.7	90.7	90.7	92.1	92.1	92.1	92.6	92.6	93.7	93.8
IV 600	79.7	85.3	85.5	86.8	87.8	87.9	89.8	90.3	90.3	92.2	92.2	92.2	92.7	92.7	93.8	94.0
IV 500	80.0	85.0	86.2	87.5	88.6	88.7	90.7	91.3	91.3	93.5	93.5	93.5	94.1	94.1	95.8	96.0
IV 400	80.2	86.3	86.4	88.0	89.2	89.4	91.4	91.9	91.9	94.3	94.3	94.3	95.0	95.0	96.9	97.1
IV 300	80.2	86.4	86.6	88.3	89.5	89.7	91.7	92.3	92.3	94.9	94.9	94.9	95.4	95.4	97.3	97.6
IV 200	80.2	86.4	86.6	88.4	89.7	89.8	92.1	92.7	92.7	95.3	95.3	95.3	96.6	96.6	98.5	99.2
IV 100	80.2	86.4	86.6	88.4	89.7	89.8	92.1	92.7	92.7	95.4	95.4	95.4	96.1	96.1	98.8	99.7
IV 0	80.2	86.4	86.6	88.4	89.7	89.8	92.1	92.7	92.7	95.4	95.4	95.4	96.1	96.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE W. CO. MT. APT
STATION NAME

61-68
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0.1	≥ 0
NO CEILING	47.8	48.7	48.8	48.6	48.8	48.8	49.1	49.1	49.1	49.6	49.9	49.9	50.0	50.0	50.1	50.1
≥ 20000	42.2	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.5	54.0	54.3	54.3	54.4	54.4	54.6	54.6
IV 18000	52.4	53.2	53.4	53.4	53.4	53.4	53.7	53.7	53.7	54.1	54.4	54.4	54.4	54.6	54.7	54.7
IV 16000	52.5	53.4	53.5	53.5	53.5	53.5	53.8	53.8	53.8	54.3	54.6	54.6	54.7	54.7	54.7	54.9
IV 14000	55.3	55.3	56.5	56.5	56.5	56.5	56.8	56.8	56.8	57.2	57.5	57.5	57.7	57.7	57.7	57.8
IV 12000	58.6	59.0	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.5	60.8	60.8	60.9	60.9	61.1	61.1
IV 10000	65.0	66.2	66.5	66.5	66.5	66.5	66.8	66.8	66.8	67.3	67.6	67.6	67.7	67.7	67.8	67.8
IV 9000	67.7	68.9	69.2	69.2	69.2	69.2	69.5	69.5	69.5	69.9	70.2	70.2	70.4	70.4	70.5	70.5
IV 8000	70.2	71.8	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.9	73.2	73.2	73.3	73.3	73.5	73.5
IV 7000	73.0	74.9	75.2	75.2	75.4	75.4	75.7	75.7	75.7	76.1	76.4	76.4	76.5	76.5	76.7	76.7
IV 6000	77.1	78.5	78.8	79.1	79.2	79.2	79.5	79.5	79.6	80.1	80.4	80.4	80.5	80.5	80.7	80.7
IV 5000	78.9	80.2	80.5	80.8	81.3	81.3	81.7	81.7	81.7	82.2	82.4	82.4	82.6	82.6	82.7	82.7
IV 4500	79.4	80.7	81.0	81.3	81.7	81.7	82.2	82.2	82.2	82.6	82.9	82.9	83.0	83.0	83.2	83.2
IV 4000	82.0	83.8	84.1	84.4	84.8	84.8	85.3	85.3	85.3	85.7	86.0	86.0	86.1	86.1	86.3	86.3
IV 3500	82.4	84.2	84.5	85.0	85.4	85.4	85.8	85.8	85.8	86.3	86.6	86.6	86.7	86.7	86.9	86.9
IV 3000	83.9	86.1	86.4	86.9	87.3	87.3	87.9	87.9	87.9	88.3	88.6	88.6	88.8	88.8	88.9	88.9
IV 2500	84.2	85.4	86.7	87.3	87.9	87.9	88.3	88.3	88.3	88.8	89.1	89.1	89.2	89.2	89.4	89.4
IV 2000	85.0	88.6	88.9	89.5	90.1	90.1	90.6	90.6	90.6	91.0	91.3	91.3	91.4	91.4	91.6	91.6
IV 1800	85.0	88.6	88.9	89.5	90.1	90.1	90.6	90.6	90.6	91.0	91.3	91.3	91.4	91.4	91.6	91.6
IV 1500	85.3	89.1	89.5	90.1	91.2	91.2	91.7	91.7	91.7	92.2	92.5	92.5	92.6	92.6	92.8	92.8
IV 1200	85.3	89.1	89.5	90.4	91.7	91.7	92.3	92.3	92.3	93.1	93.4	93.4	93.5	93.5	93.7	93.7
IV 1000	85.3	89.1	89.5	90.4	92.0	92.0	93.2	93.2	93.2	94.1	94.4	94.4	94.5	94.5	94.7	94.7
IV 900	85.3	89.1	89.5	90.4	92.0	92.0	93.2	93.2	93.2	94.1	94.4	94.4	94.5	94.5	94.7	94.7
IV 800	85.3	89.1	89.7	90.6	92.2	92.2	93.3	93.3	93.3	94.4	94.7	94.7	94.8	94.8	95.0	95.0
IV 700	85.4	89.2	89.8	90.7	92.3	92.3	93.7	93.7	93.7	94.5	94.8	94.8	95.0	95.0	95.1	95.1
IV 600	85.4	89.4	90.0	90.9	92.8	92.8	94.1	94.1	94.1	95.1	95.4	95.4	95.6	95.6	95.7	95.7
IV 500	85.4	89.4	90.0	90.9	93.1	93.1	94.5	94.5	94.5	95.6	96.0	96.0	96.2	96.2	96.3	96.3
IV 400	85.5	89.5	90.4	91.6	93.8	93.8	95.2	95.2	95.4	96.3	96.9	96.9	97.1	97.1	97.2	97.2
IV 300	85.5	89.5	90.6	91.7	94.0	94.0	95.4	95.6	95.6	96.6	97.1	97.1	97.2	97.2	97.3	97.3
IV 200	85.5	89.5	90.6	91.7	94.1	94.1	95.9	96.0	96.0	97.1	97.5	97.5	97.6	97.6	98.1	98.4
IV 100	85.5	89.5	90.6	91.7	94.1	94.1	95.9	96.0	96.2	97.2	97.6	97.6	98.1	98.1	98.5	99.3
IV 0	85.5	89.5	90.6	91.7	94.1	94.1	95.9	96.0	96.2	97.2	97.6	97.6	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

678

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT FR SERVICE/140

CEILING VERSUS VISIBILITY

75247 JULIA S LAKE 500 FT APT

61-00

YEAR

1961

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	43.7	45.1	45.3	45.4	45.9	45.8	46.0	46.2	46.2	46.6	46.9	46.7	47.1	47.1	47.3	48.1
≥ 20000	46.4	48.2	48.4	48.3	49.0	49.0	49.1	49.3	49.3	49.9	50.0	50.0	50.1	50.1	50.4	51.2
≥ 18000	46.8	48.2	48.4	48.3	49.0	49.0	49.1	49.3	49.3	49.9	50.0	50.0	50.1	50.1	50.4	51.2
≥ 16000	47.2	48.7	48.8	49.1	49.4	49.4	49.6	49.7	49.7	50.3	50.4	50.4	50.6	50.6	50.9	51.6
≥ 14000	49.1	50.6	50.7	50.9	51.3	51.3	51.5	51.6	51.6	52.2	52.4	52.4	52.5	52.5	52.9	53.5
≥ 12000	51.0	53.2	53.4	53.5	54.0	54.0	54.1	54.3	54.3	54.9	55.0	55.0	55.2	55.2	55.5	56.2
≥ 10000	58.8	60.5	60.6	60.8	61.2	61.2	61.4	61.5	61.5	62.2	62.4	62.4	62.5	62.5	62.9	63.6
≥ 9000	61.3	63.1	63.3	63.4	63.9	63.9	64.0	64.2	64.2	64.9	65.0	65.0	65.2	65.2	65.5	66.2
≥ 8000	65.9	67.6	67.8	68.0	68.4	68.4	68.7	68.9	68.9	69.6	69.8	69.8	69.9	69.9	70.2	70.9
≥ 7000	68.1	69.9	70.2	70.4	70.8	70.8	71.1	71.2	71.2	72.0	72.1	72.1	72.3	72.3	72.6	73.3
≥ 6000	70.5	72.3	72.6	72.7	73.2	73.2	73.3	73.6	73.6	74.3	74.5	74.5	74.6	74.6	74.9	75.7
≥ 5000	73.0	75.1	75.4	75.5	76.0	76.0	76.2	76.4	76.4	77.1	77.3	77.3	77.4	77.4	77.7	78.5
≥ 4500	73.7	75.0	76.3	76.4	76.8	76.8	77.1	77.3	77.3	78.0	78.2	78.2	78.3	78.3	78.6	79.4
≥ 4000	76.2	78.9	79.2	79.4	79.8	79.8	80.1	80.2	80.2	81.0	81.1	81.1	81.3	81.3	81.6	82.3
≥ 3500	77.3	79.6	79.9	80.1	80.5	80.5	80.8	81.0	81.0	81.7	81.9	81.9	82.0	82.0	82.3	83.0
≥ 3000	79.9	83.6	84.4	84.5	85.1	85.1	85.3	85.4	85.4	86.1	86.3	86.3	86.4	86.4	86.7	87.5
≥ 2500	83.2	86.1	86.4	86.5	87.5	87.5	87.8	88.0	88.0	88.7	88.9	88.9	89.0	89.0	89.3	90.1
≥ 2000	86.8	89.2	89.7	89.7	90.7	90.7	91.0	91.2	91.2	91.9	92.1	92.1	92.2	92.2	92.5	93.3
≥ 1800	88.1	90.1	90.3	90.3	91.4	91.4	91.7	91.9	91.9	92.6	92.8	92.8	92.9	92.9	93.2	94.0
≥ 1500	91.0	93.7	93.8	93.8	94.9	94.9	95.2	95.4	95.4	96.1	96.3	96.3	96.4	96.4	96.7	97.5
≥ 1200	94.1	96.8	96.9	96.9	98.0	98.0	98.3	98.5	98.5	99.2	99.4	99.4	99.5	99.5	99.8	100.0
≥ 1000	97.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

678

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATER SERVICE/AFAC

CEILING VERSUS VISIBILITY

25267
STATION

WILLIAMS LAKE B.C. INT. APT
STATION NAME

61-68
YEARS

YEARS

FLH
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	36.8	39.5	39.8	39.8	40.0	40.0	40.1	40.1	40.1	40.6	40.6	40.6	40.6	41.2	41.2	41.2
≥ 20000	42.2	43.1	43.4	43.4	43.5	43.5	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.6	45.0	45.7
≥ 18000	42.2	43.1	43.4	43.4	43.5	43.5	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.6	45.0	45.7
≥ 16000	42.2	43.1	43.4	43.4	43.5	43.5	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.6	45.0	45.7
≥ 14000	44.1	44.8	45.1	45.1	45.3	45.3	45.4	45.4	45.4	45.9	45.9	45.9	45.9	46.6	46.8	47.5
≥ 12000	47.8	48.5	48.8	48.8	49.0	49.0	49.1	49.1	49.1	49.6	49.6	49.6	49.6	50.3	50.4	51.2
≥ 10000	55.0	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.4	57.4	57.4	57.4	58.1	58.3	59.0
≥ 9000	58.1	58.8	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.9	59.9	59.9	59.9	60.6	60.8	61.5
≥ 8000	64.0	64.7	65.0	65.0	65.2	65.2	65.3	65.3	65.3	65.8	65.8	65.8	65.8	66.5	66.7	67.4
≥ 7000	67.4	68.0	68.9	68.9	69.3	69.3	69.6	69.6	69.6	69.9	69.9	69.9	69.9	70.4	70.5	71.2
≥ 6000	70.2	70.9	71.2	71.2	71.4	71.4	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.7	72.9	73.6
≥ 5000	74.2	75.2	75.3	75.3	75.7	75.7	75.8	75.8	75.8	76.4	76.4	76.4	76.4	77.1	77.3	78.0
≥ 4500	75.1	76.0	76.3	76.3	76.4	76.4	76.5	76.5	76.5	77.1	77.1	77.1	77.1	77.9	78.0	78.8
≥ 4000	76.4	76.5	76.6	76.6	76.8	76.8	76.9	76.9	76.9	77.5	77.5	77.5	77.5	78.2	78.4	79.1
≥ 3500	77.1	78.0	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.8	79.8	79.8	79.8	80.5	80.7	81.4
≥ 3000	78.9	80.5	81.0	81.3	82.0	82.0	82.2	82.2	82.2	82.7	82.7	82.7	82.7	83.5	83.6	84.7
≥ 2500	79.1	81.1	81.6	81.7	82.6	82.6	82.9	82.9	82.9	83.5	83.5	83.5	83.5	84.2	84.4	85.4
≥ 2000	80.1	82.9	83.3	83.9	84.7	84.7	85.3	85.4	85.4	86.0	86.0	86.0	86.0	86.7	86.9	87.9
≥ 1800	80.4	83.3	83.8	84.4	85.3	85.3	85.8	86.0	86.0	86.6	86.6	86.6	86.6	87.3	87.5	88.5
≥ 1500	80.8	84.1	84.5	85.1	86.1	86.1	86.7	86.9	86.9	87.5	87.5	87.5	87.5	88.2	88.3	89.3
≥ 1200	81.4	84.7	85.1	85.7	86.7	86.7	87.8	88.1	88.1	88.9	88.9	89.1	89.2	90.0	90.1	91.3
≥ 1000	82.2	85.4	85.8	86.5	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 900	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 800	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 700	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 600	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 500	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 400	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 300	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 200	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 100	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9
≥ 0	82.2	85.4	85.8	86.6	87.8	87.8	88.8	89.1	89.2	90.6	90.7	90.9	91.0	91.6	91.7	92.9

TOTAL NUMBER OF OBSERVATIONS

618

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AD

CEILING VERSUS VISIBILITY

0247

ELLIS LARK, R. C. POST APT

61-66

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.7	≥1.4	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.8	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	47.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	48.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 12000	55.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	71.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000	72.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	76.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	82.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	83.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 700	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 600	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 500	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 400	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 300	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 200	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 100	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 0	87.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2

TOTAL NUMBER OF OBSERVATIONS

612

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AG

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE JC UNIT APT

61-63

YEAR

MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	76.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 20000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 18000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 16000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 14000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 12000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 10000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 8000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 6000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 5000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 4500	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 3500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 2500	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1800	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

575

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
WTR HEADQUARTERS WICKS AFB

CEILING VERSUS VISIBILITY

25267

WICKS AFB, TEXAS

01-00

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	30.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 12000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

272

USAF ETAC

FORM

0-14-5 (OL 1) PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER DE VILLE/40

CEILING VERSUS VISIBILITY

15247 WILLIAMS LAKE AIRPORT

91-62

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1229-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 12000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 400	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

178

USAF ETAC

FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER CENTER/PC

CEILING VERSUS VISIBILITY

15247

WILLIAMS CORP. R. C. INT. INT

01-50

YEAR

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	47.8	47.8	47.8	47.9	47.8	47.8	47.9	48.1	48.1	48.1	48.3	48.4	48.4	48.4	48.7	47.7
≥ 20000	52.4	52.9	52.9	53.1	53.1	53.1	53.1	53.2	53.2	54.0	54.0	54.0	54.0	54.6	54.9	54.7
IV 18000	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.7	53.7	54.4	54.4	54.4	54.4	55.0	55.3	55.3
IV 16000	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.8	53.8	54.6	54.6	54.6	54.6	55.2	55.5	55.5
IV 14000	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.8	55.8	56.5	56.5	56.5	56.5	57.1	57.4	57.4
IV 12000	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.9	57.9	58.6	58.6	58.6	58.6	59.2	59.5	59.5
IV 10000	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.7	68.4	68.4	68.4	68.4	69.0	69.3	69.3
IV 9000	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.9	69.9	70.6	70.6	70.6	70.6	71.2	71.5	71.5
IV 8000	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.3	73.3	74.0	74.0	74.0	74.0	74.6	74.9	74.9
IV 7000	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	77.3	77.3	77.3	77.3	77.9	78.2	78.2
IV 6000	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.1	79.1	79.8	79.8	79.8	79.8	80.4	80.7	80.7
IV 5000	80.7	80.7	81.0	81.1	81.1	81.1	81.1	81.3	81.3	82.0	82.0	82.0	82.0	82.6	82.9	82.9
IV 4500	81.4	81.4	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.7	82.7	82.7	82.7	83.3	83.6	83.6
IV 4000	83.5	83.5	84.1	84.4	84.5	84.5	84.5	84.7	84.7	85.4	85.4	85.4	85.4	86.0	86.3	86.3
IV 3500	85.0	85.0	85.5	85.7	85.7	85.7	85.7	85.8	85.8	86.6	86.6	86.6	86.6	87.2	87.5	87.5
IV 3000	86.3	86.3	87.0	87.3	87.3	87.3	87.3	87.5	87.5	88.2	88.2	88.2	88.2	88.8	89.1	89.1
IV 2500	87.2	87.2	88.1	88.5	88.5	88.5	88.5	88.6	88.6	89.4	89.4	89.4	89.4	90.0	90.3	90.3
IV 2000	87.5	87.5	88.6	89.4	89.4	89.4	89.4	89.7	89.7	90.4	90.4	90.4	90.4	91.0	91.3	91.3
IV 1800	87.8	87.8	88.8	89.4	89.4	89.4	89.4	89.8	89.8	90.6	90.6	90.6	90.6	91.2	91.5	91.5
IV 1500	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 1200	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 1000	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 900	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 800	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 700	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 600	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 500	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 400	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 300	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 200	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 100	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5
IV 0	88.2	88.2	89.3	90.1	90.1	90.1	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.5	92.5

TOTAL NUMBER OF OBSERVATIONS

578

USAF ETAC

FORM 107-54

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
414 LAFATER DRIVE, AG

CEILING VERSUS VISIBILITY

75247 WILLIAMS LAKE, CALIF. T. 107

01-55

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	59.4	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	66.0	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	68.3	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	74.1	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	75.0	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	77.4	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	80.9	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	82.1	82.4	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	83.9	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1
≥ 4500	84.5	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	86.3	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	87.3	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8
≥ 3000	88.3	89.1	89.1	89.1	89.2	89.7	89.7	89.7	89.7	89.9	90.1	90.2	90.2	90.2	90.2	90.2
≥ 2500	90.3	91.4	91.3	91.3	92.1	92.1	92.3	92.3	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6
≥ 2000	91.0	92.1	92.2	92.3	93.0	93.0	93.4	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	91.3	92.3	92.5	92.5	93.3	93.3	93.7	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	91.6	92.9	93.1	93.3	95.0	95.0	95.0	95.0	95.0	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 1200	92.1	93.5	93.6	94.4	96.1	96.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	92.1	93.5	93.8	94.4	96.1	96.1	97.4	97.7	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1
≥ 900	92.1	93.5	93.8	94.4	96.1	96.1	97.4	97.7	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1
≥ 800	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 700	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 600	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 500	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 400	92.2	93.7	94.0	94.5	96.4	96.4	97.7	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4
≥ 300	92.3	93.8	94.1	94.6	96.5	96.5	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5
≥ 200	92.3	93.8	94.1	94.6	96.5	96.5	97.8	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5
≥ 100	92.3	93.8	94.1	94.6	96.5	96.5	98.1	98.4	98.4	98.4	98.5	99.2	99.2	99.3	99.3	99.3
≥ 0	92.3	93.8	94.1	94.6	96.5	96.5	98.1	98.4	98.4	98.4	98.5	99.2	99.2	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

749

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADERS SERVICE/ALC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE, C. DUT APT

01-65

YEARS

26R

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.5	55.5	55.5	55.5
≥ 20000	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.5	60.5	60.5	60.5
IV 18000	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.6	60.6	60.6	60.6
IV 16000	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.8	60.8	60.8	60.8
IV 14000	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.9	60.9	61.2	61.2	61.2	61.2
IV 12000	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.2	63.2	63.4	63.4	63.4	63.4
IV 10000	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8
IV 9000	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.8	71.8	72.0	72.0
IV 8000	73.7	73.8	73.8	73.8	73.8	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.5	74.5	74.5	74.5
IV 7000	76.6	76.7	76.7	76.7	76.7	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.6	77.6	77.6	77.6
IV 6000	77.8	78.1	78.1	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.5	78.5	78.8	78.8	78.8	78.8
IV 5000	81.0	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3
IV 4500	81.6	82.1	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.8	82.8	82.8	82.8
IV 4000	83.5	84.0	84.0	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.7	84.7	84.7	84.7
IV 3500	84.3	85.1	85.1	85.2	85.4	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.9	85.9	85.9	85.9
IV 3000	85.5	86.4	86.4	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.4	87.4	87.5	87.5
IV 2500	86.4	87.4	87.4	87.6	87.8	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.3	88.3	88.4	88.4
IV 2000	87.9	89.1	89.1	89.4	89.5	89.5	90.3	90.3	90.3	90.3	90.5	90.6	90.9	90.9	91.0	91.0
IV 1800	88.0	89.2	89.2	89.7	90.1	90.1	90.9	90.9	90.9	90.9	91.0	91.1	91.1	91.4	91.4	91.5
IV 1500	89.1	90.6	90.6	91.1	92.1	92.1	93.1	93.3	93.3	93.3	93.4	93.5	93.8	93.8	94.0	94.0
IV 1200	90.2	92.1	92.1	92.5	94.2	94.2	95.3	95.4	95.4	95.6	95.7	95.7	96.0	96.0	96.1	96.1
IV 1000	90.5	92.2	92.2	92.9	94.8	94.8	96.1	96.4	96.4	96.4	96.9	97.0	97.3	97.3	97.4	97.4
IV 900	90.2	92.3	92.3	93.0	94.9	94.9	96.2	96.5	96.5	96.5	97.0	97.2	97.2	97.4	97.4	97.5
IV 800	90.6	92.6	92.6	93.3	95.2	95.2	96.5	96.8	96.8	96.8	97.3	97.4	97.7	97.7	97.8	97.8
IV 700	90.6	92.6	92.6	93.3	95.3	95.3	96.6	97.0	97.2	97.2	97.7	97.8	98.1	98.1	98.3	98.3
IV 600	90.6	92.6	92.6	93.3	95.4	95.4	96.6	97.2	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4
IV 500	90.6	92.6	92.6	93.3	95.4	95.4	96.6	97.2	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4
IV 400	90.6	92.6	92.6	93.3	95.4	95.4	96.6	97.2	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.4
IV 300	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	99.1
IV 200	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	99.2
IV 100	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.8	98.8	99.3
IV 0	90.6	92.7	92.7	93.4	95.6	95.6	96.9	97.3	97.4	97.4	98.0	98.1	98.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 0-145 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
CIP EASTERN SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LANE AIRPORT

01-68

YEARS

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0800
NO. OF DAYS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	42.2	42.3	42.3	42.3	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	43.0	43.0	43.1
≥ 20000	48.8	48.9	48.9	48.9	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	50.0
≥ 18000	49.1	49.2	49.2	49.2	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.3
≥ 16000	49.3	49.3	49.3	49.3	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.4	50.5
≥ 14000	51.5	51.6	51.6	51.6	52.0	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.6	52.7
≥ 12000	50.9	51.3	51.3	51.3	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.3
≥ 10000	63.2	63.6	63.6	63.7	64.1	64.1	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.9
≥ 9000	65.4	66.3	66.3	66.4	66.8	66.8	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.7
≥ 8000	69.5	70.0	70.0	70.2	70.6	70.6	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.4	71.4	71.5
≥ 7000	72.2	73.1	73.1	73.3	73.8	73.8	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.0
≥ 6000	73.3	74.2	74.2	74.3	74.9	74.9	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.9	75.9	76.1
≥ 5000	75.4	76.3	76.3	76.7	77.3	77.3	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.6
≥ 4500	75.4	76.7	76.9	77.2	77.7	77.7	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.9	78.9	79.0
≥ 4000	78.0	79.7	79.8	80.1	80.6	80.6	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.9	81.9	82.0
≥ 3500	79.6	80.6	80.8	81.0	81.6	81.6	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.8	82.8	82.9
≥ 3000	82.0	83.2	83.3	83.7	84.3	84.3	85.2	85.5	85.6	85.6	85.6	85.6	85.6	86.0	86.0	86.6
≥ 2500	82.8	84.4	84.5	84.9	85.5	85.5	86.4	86.7	86.8	87.2	87.2	87.2	87.2	87.5	87.5	87.8
≥ 2000	85.1	87.0	87.5	88.2	89.0	89.0	89.9	90.2	90.3	90.7	90.7	90.7	90.7	91.1	91.1	91.3
≥ 1800	85.2	87.1	87.6	88.3	89.1	89.1	90.1	90.3	90.6	91.0	91.0	91.0	91.0	91.4	91.4	91.5
≥ 1500	85.8	87.9	88.2	89.0	89.8	89.8	91.3	91.5	91.9	92.5	92.5	92.5	92.5	92.9	92.9	93.3
≥ 1200	86.4	89.3	89.5	90.5	91.3	91.4	92.9	93.1	93.5	94.2	94.2	94.2	94.2	94.6	94.6	94.9
≥ 1000	86.6	89.1	89.7	90.7	91.7	91.8	93.3	93.8	94.2	95.2	95.2	95.2	95.2	95.6	95.6	95.8
≥ 900	86.6	89.2	89.8	90.9	91.8	91.9	93.7	94.0	94.4	95.3	95.3	95.3	95.3	95.7	95.7	96.0
≥ 800	86.7	89.4	89.9	91.0	91.9	92.1	93.9	94.1	94.6	96.0	96.5	96.5	96.5	96.8	97.2	97.4
≥ 700	86.7	89.4	89.9	91.0	91.9	92.1	94.0	94.2	94.8	96.1	96.6	96.6	96.6	97.4	97.4	97.7
≥ 600	86.7	89.4	89.9	91.0	91.9	92.1	94.0	94.2	94.8	96.2	96.8	96.8	96.8	97.7	97.8	98.1
≥ 500	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.2	97.3	97.3	98.1	98.3	98.7
≥ 400	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
≥ 300	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
≥ 200	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
≥ 100	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	99.3
0	86.7	89.4	89.9	91.1	92.1	92.2	94.1	94.4	94.9	96.3	97.3	97.4	97.4	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 101-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

222.7
STATION

WILLIAMS LAKE AFB MT
STATION NAME

61-68
YEARS

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	59.8	59.9	59.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	50.5	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	57.0	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	64.9	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	68.5	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000	72.4	73.4	73.4	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	73.1	74.1	74.1	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	74.9	75.8	75.8	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	76.9	78.0	78.0	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	77.4	78.5	78.5	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	81.2	82.5	82.5	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	82.0	83.3	83.3	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	83.7	85.5	85.5	86.0	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	84.7	86.6	86.6	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	85.0	87.8	87.8	88.3	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	86.2	88.3	88.3	88.8	89.9	89.9	90.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	86.7	89.2	89.2	89.8	90.9	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	87.2	90.2	90.2	91.1	92.2	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	87.8	90.9	90.9	91.8	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	87.9	91.4	91.4	92.5	93.5	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	87.9	91.4	91.4	92.7	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	88.0	91.7	91.7	93.0	94.2	94.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	88.0	91.7	91.7	93.0	94.2	94.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	88.0	91.8	91.8	93.1	94.4	94.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	88.0	91.8	91.8	93.1	94.5	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR-ETAC-ETAC/ETAC

CEILING VERSUS VISIBILITY

5247
STATION

MILLIA'S LAKE F.C. 107 APT

61-68

YEARS

4k
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	51.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	67.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	70.8	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	80.8	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	88.8	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	91.4	92.7	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	91.5	92.9	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.5	94.0	94.1	94.2	94.8	94.8	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	92.7	94.2	94.4	94.5	95.0	95.0	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	93.4	94.9	95.0	95.2	95.8	95.8	96.2	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	93.5	95.3	95.4	95.6	96.4	96.4	96.8	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	93.8	95.8	96.0	96.1	97.0	97.0	97.4	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	93.8	96.0	96.1	96.2	97.2	97.2	97.0	98.3	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 600	93.8	96.4	96.5	96.6	97.6	97.6	98.0	98.7	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3
≥ 500	93.8	96.4	96.5	96.6	97.6	97.7	98.1	98.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4
≥ 400	93.8	96.4	96.5	96.6	97.6	97.7	98.1	98.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4
≥ 300	93.8	96.4	96.5	96.6	97.6	97.7	98.1	98.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4
≥ 200	93.8	96.4	96.5	96.6	97.6	97.7	98.1	98.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4
≥ 100	93.8	96.4	96.5	96.6	97.6	97.7	98.1	98.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4
≥ 0	93.8	96.4	96.5	96.6	97.6	97.7	98.1	98.8	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFMCC

CEILING VERSUS VISIBILITY

45247
STATION

WILLIAMS LANE AIRCRAFT FIELD

01-68

YEAR

3R
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	40.8	35.8	30.8	25.8	20.8	15.8	10.8	5.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
IV 20000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 18000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 16000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 14000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 12000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 10000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 9000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 7000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 6000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 5000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 4500	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 3000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1800	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 800	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 500	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 400	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 300	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 200	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 100	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE/40

CEILING VERSUS VISIBILITY

29247 WILLIAMS LAKE MOUNT APT
STATION NAME

61-64

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 18000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 16000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 12000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 10000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 9000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 7000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 5000	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4500	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 4000	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 3500	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

29247
STATION

WILLIAMS LAKE F.C. OUT APT
STATION NAME

01-68
YEARS

YEARS

138
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
MONTH

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	59.4	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	60.1	60.1	60.1	60.1
IV 20000	63.4	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.2	64.2	64.2	64.2	64.7	64.7	64.7	64.7
IV 18000	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9
IV 16000	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.3	65.3	65.3	65.3
IV 14000	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.6	67.6	67.6	67.6
IV 12000	69.2	69.6	69.6	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.3
IV 10000	75.4	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.5	76.5
IV 9000	76.6	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.0
IV 8000	78.4	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7
IV 7000	81.3	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.8	82.8	82.8	82.8
IV 6000	83.2	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.9	83.9	83.9	83.9
IV 5000	85.3	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.8	86.8	86.8	86.8
IV 4500	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1
IV 4000	87.9	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.7	89.7	89.7	89.7
IV 3500	88.6	89.8	89.8	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.6
IV 3000	90.3	91.9	92.1	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	93.3	93.3	93.3	93.3
IV 2500	90.7	92.6	92.7	93.1	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	94.4	94.4	94.4	94.4
IV 2000	91.1	93.7	93.8	94.2	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.6	95.6	95.6	95.6
IV 1800	91.3	94.1	94.2	94.6	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	96.2	96.2	96.2	96.2
IV 1500	92.2	94.8	94.9	95.7	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.8	97.8	97.8	97.8
IV 1200	92.2	94.8	95.0	95.8	96.6	96.6	97.6	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4
IV 1000	92.2	94.8	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 900	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 800	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 700	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 600	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 500	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 400	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 300	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 200	92.2	94.9	95.0	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.1	99.1	99.1	99.1
IV 100	92.2	95.0	95.2	96.1	96.4	96.4	98.3	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0
IV 0	92.2	95.0	95.2	96.1	96.4	96.4	98.3	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER SERVICE/AC

CEILING VERSUS VISIBILITY

75247
STATION

WILLIAMS LAKE R C CNT APT
STATION NAME

01-68

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.7	51.9	51.9
≥ 20000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.2	57.4	57.4
IV ≥ 18000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.2	57.4	57.4
IV ≥ 16000	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.8	57.9	58.1	58.1
IV ≥ 14000	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7	59.7	59.7	59.9	60.0	60.0
IV ≥ 12000	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	61.8	61.9	61.9
IV ≥ 10000	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.9	65.0	65.0
IV ≥ 9000	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.2	67.2	67.4	67.5	67.5
IV ≥ 8000	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1	71.3	71.4	71.4
IV ≥ 7000	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.7	76.8	76.8
IV ≥ 6000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.8	78.9	78.9
IV ≥ 5000	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.2	83.3	83.3
IV ≥ 4500	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.5	83.6	83.6
IV ≥ 4000	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.6	85.7	85.7
IV ≥ 3500	85.0	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.5	86.7	86.7
IV ≥ 3000	87.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.9	89.0	89.0
IV ≥ 2500	87.5	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.3	89.4	89.4
IV ≥ 2000	88.8	90.3	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.5	91.7	91.7
IV ≥ 1800	89.0	90.7	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.9	92.1	92.1
IV ≥ 1500	90.1	91.9	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.5	93.6	93.6
IV ≥ 1200	90.8	92.8	92.8	93.3	93.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.4	94.6	94.6
IV ≥ 1000	91.1	93.3	93.3	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9	95.1	95.3	95.3
IV ≥ 900	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.6	95.6
IV ≥ 800	91.1	93.3	93.3	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.1	95.6	95.6
IV ≥ 700	91.1	93.3	93.3	93.9	94.7	94.7	94.9	94.9	94.9	94.9	95.1	95.4	95.4	95.7	95.8	95.8
IV ≥ 600	91.1	93.3	93.3	93.9	94.9	94.9	95.0	95.0	95.0	95.0	95.3	95.6	95.6	95.7	96.0	96.1
IV ≥ 500	91.3	93.5	93.5	94.0	95.0	95.1	95.4	95.6	95.6	95.6	96.1	96.1	96.3	96.5	96.7	96.7
IV ≥ 400	91.3	93.5	93.5	94.0	95.0	95.1	95.7	95.8	95.8	95.8	96.1	96.4	96.4	96.5	96.9	96.9
IV ≥ 300	91.3	93.8	93.8	94.3	95.6	95.7	96.7	96.8	96.8	96.8	97.5	97.8	97.8	97.9	98.2	98.3
IV ≥ 200	91.3	93.8	93.8	94.4	95.8	96.0	97.1	97.2	97.2	97.2	97.9	98.2	98.2	98.5	98.8	99.4
IV ≥ 100	91.3	93.8	93.8	94.4	95.8	96.0	97.1	97.2	97.2	97.2	97.9	98.2	98.2	98.5	98.9	99.6
IV ≥ 0	91.3	93.8	93.8	94.4	95.8	96.0	97.1	97.2	97.2	97.2	97.9	98.2	98.2	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 14-5 (OL) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
[]

DATA PROCESSING DIVISION
USAF ETAC
AIR DATA SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LANE AIRPORT
STATION NAME

61-60
YEAR

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0306-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .16	≥ .1	≥ 0
NO CEILING	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 400	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 300	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 200	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 100	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 10-64

0-14.5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE H C DET APT
STATION, NAME

01-68
YEARS

YEARS

08
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0000
TIME OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 18000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 16000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 14000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 12000	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 10000	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 9000	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000	69.2	69.2	69.2	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 7000	72.2	72.2	72.2	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 6000	73.4	73.4	73.4	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000	77.3	77.3	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4500	78.3	78.3	78.3	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4000	82.4	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3500	82.9	82.9	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3000	85.1	85.1	85.1	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	85.3	85.3	85.3	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2000	86.4	86.4	86.4	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1800	86.5	86.5	86.5	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1500	87.8	87.8	87.8	88.1	88.1	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	88.9	88.9	88.9	89.3	89.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	90.4	90.4	90.4	90.9	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 900	90.1	90.1	90.1	90.6	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 800	90.3	90.3	90.3	90.8	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 700	91.0	91.0	91.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 600	91.1	91.1	91.1	91.7	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 500	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 300	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 200	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 100	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 0	91.4	91.4	91.4	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 10-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTER SERVICE TO

CEILING VERSUS VISIBILITY

5242
STATION

ILLUMINANCE CORRECTION
STATION NAME

01-08
YEARS

YEARS

01-08
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
TIME OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	85.8	85.8	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	86.2	86.2	86.2	86.2	86.6	86.6	86.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	87.3	87.3	87.3	87.3	87.8	87.8	87.8	88.3	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6
≥ 1800	87.3	87.3	87.3	87.3	87.8	87.8	87.8	88.3	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6
≥ 1500	89.2	89.2	89.2	89.2	89.7	89.7	89.7	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5
≥ 1200	89.8	89.8	89.8	89.8	90.4	90.4	90.4	91.1	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4
≥ 1000	91.1	91.1	91.1	91.1	91.9	91.9	91.9	92.5	92.5	92.5	92.6	92.8	92.8	92.8	92.8	92.8
≥ 900	91.8	91.8	91.8	91.8	92.9	92.9	92.9	93.5	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9
≥ 800	92.1	92.1	92.1	92.1	93.3	93.3	93.3	93.9	93.9	93.9	94.1	94.3	94.3	94.3	94.3	94.3
≥ 700	92.3	92.3	92.3	92.3	93.7	93.7	93.7	94.3	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7
≥ 600	93.3	93.3	93.3	93.3	94.7	94.7	94.7	95.4	95.4	95.4	95.6	95.9	95.9	95.9	95.9	95.9
≥ 500	93.5	93.5	93.5	93.5	95.1	95.1	95.1	95.8	95.8	95.8	96.0	96.3	96.3	96.3	96.3	96.3
≥ 400	94.0	94.0	94.0	94.0	95.5	95.5	95.5	96.2	96.2	96.2	96.4	96.7	96.7	96.7	96.7	96.7
≥ 300	94.0	94.0	94.0	94.0	95.7	95.7	95.7	96.4	96.4	96.4	96.6	96.9	96.9	96.9	96.9	96.9
≥ 200	94.0	94.0	94.0	94.0	95.7	95.7	95.7	96.5	96.5	96.5	96.7	97.0	97.0	97.0	97.0	97.0
≥ 100	94.0	94.0	94.0	94.0	95.7	95.7	95.7	96.5	96.5	96.5	96.7	97.0	97.0	97.0	97.0	97.0
≥ 0	94.0	94.0	94.0	94.0	95.7	95.7	95.7	96.5	96.5	96.5	96.7	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS

719

USAF ETAC

0-1451011

PERCENTAGE FREQUENCY OF OCCURRENCE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 JULIUS CAESAR AIRPORT

01-02

YEAR

PER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	28.6	24.8	24.8	24.8	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
IV 18000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 16000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 14000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
IV 12000	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 10000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 9000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 8000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 7000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 6000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 5000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 4500	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 4000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 3500	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 3000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 2500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1800	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1500	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1200	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 700	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 600	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 300	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 200	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 100	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS

716

USAF ETAC 0-145 (OL 1) PREPARED BY THE DATA PROCESSING DIVISION

DATA PROCESSING DIVISION
USAF ETAG
AIR FATER SERVICE/SC

CEILING VERSUS VISIBILITY

23267

WILLIAMS 1980 2000 2001 2002

61-0

1540

1991

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥.75	≥.5	≥.25	≥.1	≥0
NO CEILING ≥ 20000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 18000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 16000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 14000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 12000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 9000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 8000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 7000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 6000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 5000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 4500	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 3500	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 3000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1800	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 450	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

722

USAF ETAC

0-14-5 (OL) 1992-1993

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE, C. CO. MT. RT

61-58

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
131-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT PR SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE 3600 FT AIRPORT 61-60
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	53.4	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.7
≥ 20000	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.3	60.4
≥ 18000	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4	60.6
≥ 16000	60.1	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.8	61.1
≥ 14000	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.8	64.3
≥ 12000	65.7	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.4	66.5
≥ 10000	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.9	70.1
≥ 9000	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.8
≥ 8000	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.3	76.4
≥ 7000	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.1	81.3
≥ 6000	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.4	84.6
≥ 5000	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9	87.1
≥ 4500	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.2	87.4
≥ 4000	88.8	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.7	89.9
≥ 3500	89.4	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.4	90.6
≥ 3000	90.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.2	92.4
≥ 2500	91.4	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.3	93.5
≥ 2000	93.5	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.7	94.9
≥ 1800	93.5	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9	95.1
≥ 1500	93.5	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9	95.1
≥ 1200	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 1000	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 900	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 800	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 700	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 600	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 500	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 400	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 300	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 200	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 100	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1
≥ 0	94.3	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9	96.1

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

05247
STATION

WILLIAMS LAKE MOUNTAIN
STATION NAME

61-55

YEAR

4Y
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
NO. OF DAYS

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	56.3	56.6	56.6	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
≥ 20000	59.3	59.3	59.3	59.3	59.3	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 18000	59.4	59.7	59.7	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 16000	59.4	59.7	59.7	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 14000	60.6	60.9	60.9	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6
≥ 12000	63.0	63.3	63.3	63.3	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 10000	68.5	69.1	69.1	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
≥ 9000	71.8	72.3	72.3	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 8000	75.7	76.2	76.2	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 7000	78.6	79.3	79.3	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
≥ 6000	81.3	82.0	82.0	82.0	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥ 5000	85.2	85.9	85.9	85.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 4500	88.5	89.1	89.1	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.8
≥ 4000	88.0	89.1	89.1	89.1	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
≥ 3500	88.8	89.9	89.9	89.9	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7
≥ 3000	91.0	92.3	92.3	92.3	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5
≥ 2500	91.8	93.4	93.4	93.4	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 2000	92.1	93.8	93.8	93.8	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 1800	92.3	94.1	94.1	94.1	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 1500	93.2	95.7	95.8	95.8	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 1200	93.7	95.8	96.0	96.0	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 1000	93.7	96.4	96.2	96.2	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 900	93.7	96.1	96.2	96.2	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 800	93.8	96.4	96.3	96.3	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 700	93.8	96.5	96.6	96.6	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 600	93.8	96.5	96.6	96.6	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 500	94.1	96.8	96.9	96.9	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 400	94.1	96.9	97.0	97.2	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 300	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 200	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 100	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 0	94.1	96.9	97.0	97.2	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM
10-54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING SERVICE/NAF

CEILING VERSUS VISIBILITY

25257 WILLIAMS LAKE C. DUT APT

01-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS L.C.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	50.4	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5
IV 18000	53.8	53.9	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4
IV 16000	54.0	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7
IV 14000	55.0	56.0	56.2	56.3	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.9	56.9	56.9
IV 12000	59.7	59.8	59.9	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.5	60.5	60.6	60.6	60.6
IV 10000	66.4	66.3	66.4	66.7	66.7	66.7	66.8	66.9	66.9	66.9	66.9	67.1	67.1	67.2	67.2	67.2
IV 9000	68.4	68.5	68.7	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.6	69.6	69.6
IV 8000	72.0	72.4	73.0	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.7	73.7	74.1	74.1	74.1
IV 7000	74.6	74.9	75.0	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.7	75.7	76.1	76.1	76.1
IV 6000	77.2	77.5	77.7	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.4	78.4	78.8	78.8	78.8
IV 5000	81.2	81.3	81.4	81.9	81.9	81.9	82.1	82.3	82.3	82.3	82.3	82.4	82.4	82.8	82.8	82.8
IV 4500	81.5	81.7	81.9	82.1	82.1	82.1	82.4	82.5	82.5	82.5	82.5	82.7	82.7	83.1	83.1	83.1
IV 4000	83.0	83.9	84.0	84.3	84.3	84.3	84.5	84.7	84.7	84.7	84.7	84.8	84.8	85.2	85.2	85.2
IV 3500	84.4	85.1	85.2	85.5	85.5	85.5	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.4	86.4	86.4
IV 3000	87.2	87.9	88.0	88.3	88.3	88.3	89.4	89.5	89.5	89.5	89.5	89.7	89.7	90.1	90.1	90.3
IV 2500	88.8	89.2	89.4	89.7	90.1	90.1	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.4	91.4	91.7
IV 2000	89.7	90.7	91.0	91.3	91.7	91.7	92.3	92.6	92.6	92.6	92.6	92.7	92.7	93.3	93.3	93.5
IV 1800	90.1	91.1	91.4	91.7	92.1	92.1	92.4	93.0	93.0	93.0	93.0	93.1	93.1	93.7	93.7	94.0
IV 1500	90.5	92.1	92.5	93.0	93.3	93.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	95.2	95.2	95.4
IV 1200	90.5	92.2	92.7	93.4	94.0	94.0	94.8	94.9	94.9	94.9	95.2	95.3	95.3	95.8	95.8	96.1
IV 1000	90.5	92.7	93.4	94.1	94.6	94.6	95.4	95.0	95.7	96.1	96.2	96.2	96.2	96.8	96.8	97.0
IV 900	90.5	92.7	93.4	94.1	94.6	94.6	95.4	95.7	95.8	96.2	96.4	96.5	96.5	96.9	96.9	97.2
IV 800	90.5	92.7	93.4	94.1	94.6	94.6	95.4	95.7	95.8	96.4	96.5	96.5	96.5	97.0	97.0	97.3
IV 700	90.5	93.0	93.7	94.5	95.2	95.2	96.0	96.1	96.2	96.8	96.9	96.9	96.9	97.4	97.4	97.7
IV 600	90.5	93.0	93.7	94.5	95.2	95.2	96.1	96.2	96.4	96.9	97.0	97.0	97.0	97.6	97.6	97.8
IV 500	90.6	93.1	93.8	94.6	95.3	95.3	96.4	96.5	96.6	97.2	97.3	97.3	97.3	97.8	97.8	98.1
IV 400	90.6	93.3	94.0	94.8	95.6	95.6	96.6	96.8	96.9	97.4	97.6	97.6	97.6	98.1	98.1	98.4
IV 300	90.6	93.3	94.0	94.8	95.6	95.6	96.6	96.8	96.9	97.4	97.6	97.6	97.6	98.5	98.5	98.9
IV 200	90.6	93.3	94.0	94.8	95.6	95.6	96.6	96.9	97.0	97.6	97.7	97.7	97.7	98.8	98.8	99.6
IV 100	90.6	93.3	94.0	94.8	95.6	95.6	96.9	97.0	97.2	97.7	97.8	97.8	97.8	98.9	98.9	99.7
IV 0	90.6	93.3	94.0	94.8	95.6	95.6	96.9	97.0	97.2	97.7	97.8	97.8	97.8	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE CENTER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LANE B. C. LT. GPT
STATION NAME

61-69
YEARS

YEARS

15
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/32	≥0
NO CEILING	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥20000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 18000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 16000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 14000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 10000	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
IV 9000	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
IV 7000	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 6000	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0
IV 5000	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5
IV 4000	84.1	84.8	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500	86.3	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
IV 3000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5
IV 1000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.1	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6
IV 900	91.4	91.4	91.4	91.4	91.4	91.4	91.4	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0
IV 800	91.9	91.9	91.9	91.9	91.9	91.9	91.9	93.0	93.0	93.0	93.7	93.7	93.7	93.7	93.7	93.7
IV 700	92.6	92.6	92.6	92.6	92.6	92.6	92.6	94.0	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6
IV 600	93.8	93.8	93.8	93.8	93.8	93.8	93.8	95.2	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8
IV 500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
IV 400	94.9	94.9	94.9	94.9	94.9	94.9	94.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
IV 200	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
IV 100	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
IV 0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE F.O. DUT APT
STATION NAME

61-68
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2900-1100
NO. OF 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥5/16	≥0
NO CEILING ≥ 20000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 16000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 14000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 10000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 9000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 8000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 7000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 6000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 5000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 3500	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1200	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 900	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 800	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 700	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE W. CO. UT
STATION NAME

61-68
ELEVATION

YEARS

5Y
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
OBSERVED TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 20000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV 18000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IV 16000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 14000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 12000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 10000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 9000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 8000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 7000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 6000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 5000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 4500	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 3500	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 3000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 700	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE A.C. OUT APT
STATION NAME

01-65
YEAR

YEAR

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 20000	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 18000	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 16000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 12000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 10000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 9000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 5000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

HILLTA S LAKE S E OUT APT
STATION NAME

61-66

YEARS

1Y
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
MONTHS

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 18000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 16000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 14000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 12000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 10000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 9000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 7000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 6000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 5000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 4500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22247
STATION

WILLIAMS LAKE R.C. AIRPORT
STATION NAME

61-62
YEARS

YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING -FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 20000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 18000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 16000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 14000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 12000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 10000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 8000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 7000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 5000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3000	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	97.2	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	97.7	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	97.7	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	97.8	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	98.4	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

7.4

USAF ETAC

FORM
121-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

22247 WILLIAMS LAKE 6 C OUT APT

61-60

YEARS

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1400	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 101-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

21

DATA PROCESSING DIVISION
USAF ETAC
AIR ENTERPRISE/200

CEILING VERSUS VISIBILITY

05247

WILLIAMS LOCKS (C) OF DET

61-40

1120

1120

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0500

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	55.9	55.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.4	55.4	56.4
≥ 18000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	61.1	61.1	62.1
≥ 16000	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.5	61.5	62.5
≥ 14000	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.3	63.3	64.3
≥ 12000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.8	65.8	66.8
≥ 10000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.9	71.9	72.9
≥ 9000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.8	73.8	74.7
≥ 8000	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.5	78.5	79.4
≥ 7000	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.4	82.4	83.3
≥ 6000	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.3	85.3	86.3
≥ 5000	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.4	90.4	91.3
≥ 4500	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.5	90.5	91.4
≥ 4000	90.8	91.4	91.5	91.5	91.5	91.5	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.5	92.5	93.5
≥ 3500	91.1	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.4	92.4	92.4	92.4	92.8	92.8	93.8
≥ 3000	93.1	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.9	94.9	95.8
≥ 2500	94.2	94.3	94.4	94.4	94.4	94.4	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.4	95.4	96.4
≥ 2000	94.2	94.4	94.7	94.9	95.1	95.3	95.1	95.1	95.1	95.6	95.6	95.6	95.6	96.0	96.0	97.1
≥ 1800	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.4	96.4	97.5
≥ 1500	95.2	95.4	95.7	95.9	96.1	96.3	96.1	96.1	96.1	96.6	96.6	96.6	96.6	97.0	97.0	98.1
≥ 1200	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 1000	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 900	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 800	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 700	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 600	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 500	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 400	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 300	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 200	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 100	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3
≥ 0	95.3	95.5	95.8	96.0	96.3	96.5	96.3	96.3	96.3	96.8	96.8	96.8	96.8	97.2	97.2	98.3

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

0145

0145 (OL)

0145 (OL) 0145 (OL) 0145 (OL) 0145 (OL)

AD-A100 244

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC P/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SU--ETC(1)
OCT 71

UNCLASSIFIED

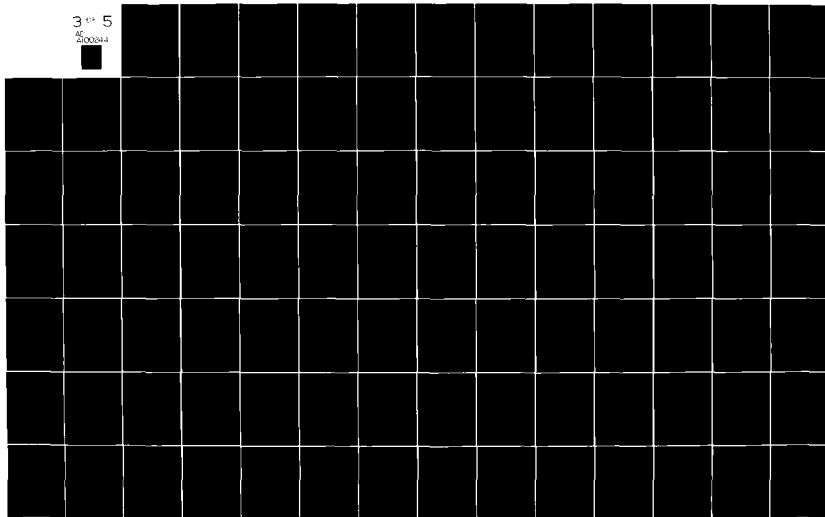
USAFETAC/DS-81/039

SBIE-AD-E850 066

NL

3 of 5

AC
2100244



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE F.C. OUT RPT
STATION NAME

61-62
YEARS

YEARS

1961-1962

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.4
≥ 20000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.4
IV 18000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.4
IV 16000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.4
IV 14000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.9
IV 12000	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.8
IV 10000	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.7
IV 9000	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.2
IV 8000	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.7
IV 7000	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
IV 6000	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.7
IV 5000	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.5
IV 4500	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.5	88.5	88.9
IV 4000	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.9
IV 3500	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.8	91.8	92.2
IV 3000	92.2	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.1	93.1	93.5
IV 2500	92.2	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.7
IV 2000	93.5	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.8
IV 1800	93.5	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.8
IV 1500	93.5	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.8
IV 1200	94.0	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.3	95.3	95.4
IV 1000	94.4	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.8	95.8	96.0	96.0	96.3
IV 900	94.7	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.3
IV 800	94.7	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.3
IV 700	95.0	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.3
IV 600	95.0	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.3
IV 500	95.1	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.7
IV 400	95.1	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.7
IV 300	95.2	97.2	97.4	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.5	98.5	98.9
IV 200	95.2	97.2	97.4	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.5	98.5	98.9
IV 100	95.2	97.2	97.4	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.5	98.5	98.9
IV 0	95.2	97.2	97.4	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.5	98.5	98.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AL

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE 8 C DPT APT
STATION STATION NAME

61-04

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4000	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ANAC

CEILING VERSUS VISIBILITY

22247

WILLIAMS LAKE F.O. OUT APT

61-68

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES -															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
IV 18000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 16000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 14000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 12000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 9000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 8000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 7000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 6000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 5000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4500	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3500	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

718

USAF ETAC

FORM
10-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

CEILING VERSUS VISIBILITY

5247 WILLIAMS LAKE AFB, MT
STATION STATION NAME

61-65

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 16000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 9000	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 8000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 6000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION

1987

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247
STATIONWILLIAMS LAKE B.C. OUT APT
STATION NAME

61-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-10-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 to 10	≥¼	≥0
NO CEILING	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 18000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 16000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 12000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 9000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 8000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 6000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORM 14-87

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE B. C. COAST APT
STATION NAME

61-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ .005	≥ .001
NO CEILING	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 20000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 18000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 16000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 14000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 12000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
JUL 64

0-14-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE AFB LT ART

01-68

YEARS

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 20000	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.8
≥ 18000	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.8
≥ 16000	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.8
≥ 14000	65.1	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.4	66.4
≥ 12000	67.2	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.4	68.4
≥ 10000	73.8	74.1	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	75.0	75.0
≥ 9000	75.4	75.7	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.6	76.6
≥ 8000	78.8	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	80.1	80.1
≥ 7000	82.5	83.3	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.5	84.5
≥ 6000	85.6	86.6	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.8	87.8
≥ 5000	88.2	89.1	89.2	89.2	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.3	90.3
≥ 4500	90.1	90.2	90.3	90.3	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.4	91.4
≥ 4000	91.0	92.1	92.2	92.2	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.3	93.3
≥ 3500	91.1	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.5	93.5
≥ 3000	92.1	93.3	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.8	94.8
≥ 2500	92.9	94.1	94.2	94.4	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.6	95.6
≥ 2000	92.9	94.1	94.2	94.4	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.7	95.7
≥ 1800	93.0	94.2	94.4	94.5	95.2	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	96.0	96.0
≥ 1500	93.1	94.4	94.5	94.9	95.6	95.6	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.5	96.5
≥ 1200	93.7	94.9	95.0	95.6	96.4	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.3	97.3
≥ 1000	93.8	95.0	95.2	95.7	96.5	96.5	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.6	97.6
≥ 900	93.8	95.0	95.2	95.7	96.5	96.5	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.6	97.6
≥ 800	93.8	95.0	95.2	95.7	96.5	96.5	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.6	97.6
≥ 700	94.1	95.3	95.4	96.0	96.8	96.8	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	98.0	98.0
≥ 600	94.4	95.6	95.7	96.2	97.0	97.0	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3
≥ 500	94.5	95.7	95.8	96.4	97.2	97.2	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.4	98.4
≥ 400	94.6	95.8	96.1	96.8	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.9	98.9
≥ 300	94.6	95.8	96.1	96.8	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.9	98.9
≥ 200	94.6	96.1	96.4	97.0	98.0	98.0	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	99.2	99.2
≥ 100	94.6	96.2	96.5	97.2	98.4	98.4	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7
0	94.6	96.2	96.5	97.2	98.4	98.4	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

23247
STATION

WILLIAMS LAKE B.C. OUT APT
STATION NAME

61-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1
NO CEILING	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.5	53.5	53.9	53.9	54.4	54.4
≥ 20000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.5	57.5	58.2	58.2
≥ 18000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.5	57.5	58.2	58.2
≥ 16000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.5	57.5	58.2	58.2
≥ 14000	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.8	59.8	60.6	60.6
≥ 12000	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.2	62.2	62.6	62.6	63.4	63.4
≥ 10000	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	68.0	68.3	68.3	68.7	68.7	69.5	69.5
≥ 9000	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.8	70.0	70.0	70.4	70.4	71.2	71.2
≥ 8000	73.1	73.7	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.2	74.5	74.5	75.0	75.0	76.3	76.3
≥ 7000	77.2	77.7	77.8	78.0	78.4	78.4	78.5	78.5	78.6	78.8	79.2	79.2	79.8	79.8	81.2	81.2
≥ 6000	78.5	79.3	79.2	79.3	79.7	79.7	79.8	80.0	80.0	80.1	80.5	80.5	81.2	81.2	82.5	82.5
≥ 5000	83.7	84.4	84.5	84.7	85.1	85.1	85.2	85.3	85.3	85.5	85.9	85.9	86.6	86.6	87.9	87.9
≥ 4500	84.4	84.9	85.1	85.2	85.6	85.6	85.8	85.8	85.9	86.0	86.4	86.4	87.1	87.1	88.4	88.4
≥ 4000	86.6	87.4	87.5	87.6	88.2	88.2	88.3	88.4	88.4	88.6	89.0	89.0	89.7	89.7	91.0	91.0
≥ 3500	86.7	87.5	87.8	87.9	88.4	88.4	88.6	88.7	88.7	88.8	89.2	89.2	89.9	89.9	91.3	91.3
≥ 3000	87.6	88.6	89.0	89.1	89.8	89.8	89.9	90.1	90.1	90.2	90.6	90.6	91.3	91.3	92.6	92.6
≥ 2500	88.2	89.1	89.5	89.7	90.3	90.3	90.5	90.5	90.6	90.7	91.1	91.1	91.8	91.8	93.1	93.1
≥ 2000	88.4	89.7	90.1	90.3	91.1	91.1	91.3	91.4	91.4	91.5	91.9	91.9	92.6	92.6	94.0	94.0
≥ 1800	88.4	89.7	90.1	90.3	91.1	91.1	91.3	91.4	91.4	91.5	91.9	91.9	92.6	92.6	94.0	94.0
≥ 1500	88.7	89.9	90.5	91.1	91.9	91.9	92.4	92.4	92.5	92.5	92.9	92.9	93.5	93.5	94.9	94.9
≥ 1200	89.0	90.2	90.7	91.4	92.2	92.2	92.4	92.7	92.7	92.9	93.3	93.3	94.0	94.0	95.3	95.3
≥ 1000	89.7	90.9	91.4	92.2	93.1	93.1	93.7	93.8	93.8	94.0	94.4	94.4	95.0	95.0	96.4	96.4
≥ 900	89.9	91.1	91.7	92.5	93.4	93.4	94.0	94.1	94.1	94.2	94.6	94.6	95.3	95.3	96.6	96.6
≥ 800	89.9	91.4	91.9	92.7	93.7	93.7	94.4	94.4	94.4	94.5	94.9	94.9	95.6	95.6	96.9	96.9
≥ 700	90.1	91.5	92.1	92.9	93.8	93.8	94.4	94.5	94.5	94.6	95.0	95.0	95.7	95.7	97.0	97.0
≥ 600	90.3	91.8	92.3	93.3	94.2	94.2	94.8	94.9	94.9	95.0	95.4	95.4	96.1	96.1	97.4	97.4
≥ 500	90.3	91.8	92.3	93.3	94.2	94.2	94.8	94.9	94.9	95.0	95.4	95.4	96.1	96.1	97.4	97.4
≥ 400	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 300	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 200	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 100	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5
≥ 0	90.3	91.9	92.5	93.4	94.3	94.3	94.9	95.0	95.0	95.1	95.5	95.5	96.2	96.2	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE 3000 FT APT
STATION NAME

61-88
YEAR

YEARS

0-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.5	53.5
≥ 20000	54.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.3	59.5
IV 18000	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.3	59.5
IV 16000	54.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.5	59.5
IV 14000	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6	61.8
IV 12000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.6	65.9
IV 10000	71.6	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.8	73.1
IV 9000	73.1	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.1	74.2	74.5
IV 8000	77.2	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.5	78.8
IV 7000	78.5	79.6	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.8	81.0	81.0
IV 6000	79.7	80.6	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.7	81.9	82.1
IV 5000	82.6	83.7	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.8	84.9	85.2
IV 4500	82.9	83.9	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.9	85.1	85.3
IV 4000	84.3	85.3	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.7	86.9	87.1
IV 3500	84.3	85.8	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.1	87.2	87.5
IV 3000	85.6	87.0	87.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.4	88.6	88.8
IV 2500	86.3	87.8	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.2	89.4	89.7
IV 2000	87.2	89.1	89.4	89.8	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	91.1	91.3	91.5
IV 1800	87.4	89.2	89.5	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.3	91.4	91.7
IV 1500	87.8	89.7	89.9	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.8	91.9	92.2
IV 1200	88.2	90.1	90.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.3	92.5	92.7
IV 1000	88.4	90.9	91.1	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.4	93.5	93.8
IV 900	89.1	91.5	91.9	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	94.2	94.4	94.6
IV 800	89.3	92.1	92.5	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.9	95.2
IV 700	89.8	92.3	93.0	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.4	95.6	95.8
IV 600	90.1	92.6	93.3	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	96.0	96.1	96.4
IV 500	90.1	92.9	93.5	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.5	96.6	96.9
IV 400	90.2	93.4	94.4	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.4	97.6	97.8
IV 300	90.2	93.4	94.4	95.2	96.5	96.5	96.5	97.0	97.2	97.2	97.2	97.4	97.7	98.3	98.4	98.8
IV 200	90.3	93.5	94.5	95.3	96.8	96.8	97.3	97.4	97.4	97.4	97.4	97.7	98.0	98.5	98.7	99.2
IV 100	90.3	93.5	94.5	95.4	96.9	96.9	97.4	97.6	97.6	97.6	97.6	97.8	98.1	98.8	98.9	99.7
IV 0	90.3	93.5	94.5	95.4	96.9	96.9	97.4	97.6	97.6	97.6	97.6	97.8	98.1	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PROVIDES ETAC SERVICE FORMS ARE ORIGINATED

DATA PROCESSING DIVISION
USAF ETAC
AIR OPERATOR SERVICE/AC

CEILING VERSUS VISIBILITY

23247 WILLIAMS LAKE R C OUT APT

01-69

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 18000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 16000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 14000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 12000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 9000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 8000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4500	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CATER SERVICE/160

CEILING VERSUS VISIBILITY

STATION: WILLIAMS LANE H.C. UT 107

01-63

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR-WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

252.2 TOLSON LINE 3 C. 1.1 APT

61-65

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING ≥ 20000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 18000	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER ENTWICKLE

CEILING VERSUS VISIBILITY

5240
FORM

WILLIAM S. CROOK, JR., DT ART

61-00

501

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

14-50-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 18000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 14000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 12000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 10000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 9000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 8000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 7000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 6000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4500	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM
JUL 64

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FEA T FR SERVICE/AC

CEILING VERSUS VISIBILITY

2524/

WILLIAMS LAKE A.C. OUT ART

01-62

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 18000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 16000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 14000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 12000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 10000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 9000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 6000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FOR: 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR TEST SERVICE/HAC

CEILING VERSUS VISIBILITY

22267

-ILLIAMS LAKE C. OUT APT

01-62

1962

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING ≥ 20000	67.9	64.5	64.8	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000 N 16000	67.9	67.4	67.7	67.9	67.9	68.2	68.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 14000 N 12000	68.1	69.8	73.0	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 10000 N 9000	70.6	70.2	76.5	76.6	76.6	76.7	76.7	76.4	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 8000 N 7000	79.4	81.2	81.0	81.7	81.7	81.9	81.9	82.1	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 6000 N 5000	85.7	88.4	88.8	87.7	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5
≥ 4500 N 4000	91.3	93.4	93.8	94.1	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6
≥ 3500 N 3000	92.7	94.9	95.3	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1
≥ 2500 N 2000	94.0	95.0	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2
≥ 1800 N 1500	94.0	95.2	96.8	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200 N 1000	94.0	95.2	96.8	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900 N 800	94.1	95.4	97.0	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1
≥ 700 N 600	94.5	96.8	97.4	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 500 N 400	94.6	97.2	97.8	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 300 N 200	94.6	97.2	98.0	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1
≥ 100 N 0	94.6	97.2	98.0	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AFB FORT BRAG

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE AFB MT ART
STATION NAME

01-60
YEAR

0100-0500
TIME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	56.7	57.9	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.6	58.6	58.7
≥ 20000	58.3	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 18000	58.3	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 16000	58.6	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 14000	60.9	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.9	62.9	63.8
IV 12000	63.2	64.5	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	66.3
IV 10000	68.4	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8	72.0
IV 9000	69.9	71.6	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	73.0
IV 8000	74.6	76.5	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	78.0
IV 7000	76.2	80.1	80.6	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.3	81.3	82.1
IV 6000	80.6	82.5	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7	85.1
IV 5000	83.9	86.4	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	88.0	88.0	89.0
IV 4500	84.4	87.0	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.6	88.6	89.9
IV 4000	86.7	89.2	90.2	90.3	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	91.0	91.0	92.3
IV 3500	88.2	90.7	91.8	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.6	92.6	94.0
IV 3000	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 2500	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 2000	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1800	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1500	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1200	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 1000	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 900	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 800	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 700	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 600	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 500	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 400	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 300	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 200	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 100	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4
IV 0	89.4	92.1	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	95.4

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE C. F. PT APT
STATION NAME

61-08
YEARS

216
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0300
MONTH

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	50.5	51.7	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.6	51.0	53.0	54.3
≥ 20000	73.3	55.2	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	57.2	57.3
≥ 18000	53.5	55.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	57.3	57.3
≥ 16000	55.8	55.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	57.5	58.2
≥ 14000	55.6	57.7	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	59.7	60.4
≥ 12000	56.3	60.2	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.7	62.3	63.2
≥ 10000	64.2	66.1	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	68.1	69.3	69.6
≥ 9000	66.0	69.2	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.9	72.6	73.4
≥ 8000	71.6	73.7	74.7	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.7	76.5	77.2
≥ 7000	74.3	75.3	77.4	77.8	77.8	77.8	77.8	77.8	78.1	78.0	78.0	78.0	78.0	78.4	79.2	79.8
≥ 6000	76.5	78.8	79.8	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.8	81.9	82.3
≥ 5000	79.6	81.9	82.9	83.3	83.3	83.3	83.3	83.3	83.5	83.6	83.6	83.6	83.6	84.0	84.9	85.6
≥ 4500	79.7	82.0	83.1	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	84.1	85.1	85.6
≥ 4000	82.4	84.8	85.9	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	87.2	88.2	88.8
≥ 3500	82.7	85.1	86.2	86.9	86.8	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.5	88.4	89.1
≥ 3000	84.3	86.8	88.0	88.7	88.8	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.7	90.6	91.3
≥ 2500	85.2	87.9	89.1	89.8	90.2	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	91.0	91.9	92.6
≥ 2000	86.2	88.7	89.9	90.7	91.1	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.9	92.9	93.5
≥ 1800	86.3	88.8	90.1	90.9	91.3	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.7	92.1	93.0	93.7
≥ 1500	86.3	89.0	90.2	91.0	91.4	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	92.2	93.1	93.8
≥ 1200	86.8	89.5	90.7	91.5	91.9	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.7	93.7	94.4
≥ 1000	87.2	90.1	91.3	92.2	92.6	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.4	94.4	95.0
≥ 900	87.6	90.7	92.1	93.0	93.5	93.5	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.4	95.3	96.0
≥ 800	87.6	90.7	92.2	93.1	93.7	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.5	95.4	96.1
≥ 700	87.6	90.9	92.3	93.3	94.0	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.8	95.7	96.4
≥ 600	87.8	91.1	92.6	93.5	94.2	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	95.0	95.9	96.6
≥ 500	87.9	91.4	92.9	93.8	94.5	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.4	96.4	97.0
≥ 400	87.9	91.4	92.9	94.0	94.9	94.9	95.3	95.7	95.8	96.0	96.0	96.0	96.0	96.4	97.4	98.3
≥ 300	87.9	91.4	92.9	94.0	95.0	95.0	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.6	97.7	98.5
≥ 200	87.9	91.4	92.9	94.0	95.0	95.0	95.7	96.1	96.2	96.3	96.3	96.3	96.3	97.2	98.4	99.1
≥ 100	87.9	91.4	92.9	94.0	95.0	95.0	95.7	96.1	96.2	96.3	96.3	96.3	96.3	97.2	98.5	99.7
≥ 0	87.9	91.4	92.9	94.0	95.0	95.0	95.7	96.1	96.2	96.3	96.3	96.3	96.3	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER ELVIS/ABC

CEILING VERSUS VISIBILITY

5247 WILLIAMS LOCK R C LT RT

01-68

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	49.9	49.9	49.7	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	55.3	56.0	56.4	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	55.7	56.4	56.8	57.0	58.0	58.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	55.9	56.5	56.9	57.7	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	57.6	58.3	58.3	59.4	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	61.0	62.4	63.0	63.9	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	67.7	68.4	68.9	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	69.6	70.3	70.8	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	74.3	75.0	75.5	76.6	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	75.9	76.6	77.1	78.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	77.4	77.9	78.5	79.5	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	79.7	80.6	81.2	82.2	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	79.9	80.9	81.4	82.5	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	82.2	83.4	84.0	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	82.4	83.6	84.1	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	83.9	85.1	85.8	86.8	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	87.1	88.3	89.0	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	89.2	90.4	91.1	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	89.4	90.6	91.3	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	91.4	92.6	93.3	94.3	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	92.3	93.5	94.3	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	93.0	94.2	95.2	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	93.3	94.8	95.7	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	93.3	94.8	95.8	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	93.3	95.2	96.2	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	93.3	95.4	96.5	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	93.7	96.0	97.0	98.1	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	93.7	96.1	97.2	98.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.7	96.1	97.2	98.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE (C) OUT APT
STATION NAME

01-68
YEARS

1116
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	40.4	47.2	47.0	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	34.8	34.8	35.0	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000	34.7	35.3	35.4	35.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 16000	35.1	35.4	35.4	35.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	36.7	37.3	37.4	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	60.0	60.9	61.3	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	65.1	65.3	65.7	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	66.4	67.7	67.6	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	69.6	69.9	70.3	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	71.4	71.9	72.0	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	72.8	73.3	73.3	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	75.0	75.9	77.3	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	77.2	77.4	77.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	83.2	83.5	83.9	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	84.1	84.4	84.8	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	89.2	89.7	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	92.5	93.1	93.4	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	95.0	95.7	96.4	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	95.3	96.3	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	96.2	97.0	97.7	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.5	97.4	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	96.5	97.7	98.4	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.6	97.8	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.6	97.8	98.5	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	96.6	98.0	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EAT ER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS FORT 1000 FT

01-68

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FEET PER MILE/AC

CEILING VERSUS VISIBILITY

252.7
STATION

WILLIAMS LAKE C. DUT. APT
STATION NAME

61-62
YEARS

116
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	48.1	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9	48.9	48.9
≥ 20000	55.6	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.5	56.5	56.5	56.5
IV 18000	56.1	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1
IV 16000	57.4	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	58.2	58.2	58.2	58.2
IV 14000	61.6	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.1	62.1	62.4	62.4	62.4	62.4
IV 12000	65.6	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6
IV 10000	70.6	70.8	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.5	71.5	71.5	71.5
IV 9000	72.0	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.7	72.7	73.0	73.0	73.0	73.0
IV 8000	74.5	74.7	74.7	74.7	74.9	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.4	75.4	75.4	75.4
IV 7000	75.8	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	76.7	76.7	76.7	76.7
IV 6000	77.4	77.7	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.4	78.4	78.4	78.4
IV 5000	81.3	81.6	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3
IV 4500	82.0	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.9	82.9	82.9	82.9
IV 4000	88.4	88.7	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.4	89.4	89.4	89.4
IV 3500	90.3	90.3	90.3	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	91.0	91.0	91.0	91.0
IV 3000	94.0	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8
IV 2500	95.6	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.9	96.9	96.9	96.9
IV 2000	96.6	97.7	97.7	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.3	98.3	98.5	98.5	98.5	98.5
IV 1800	96.9	98.0	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1
IV 1500	96.9	98.0	98.0	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1
IV 1200	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 1000	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 900	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 800	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 700	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 600	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 400	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 300	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 200	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 100	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 0	97.0	98.1	98.1	98.1	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
SAF ETAC
AIR FATER SERVICE/AC

CEILING VERSUS VISIBILITY

5267 JULIUS LAKE H G UNIT ART

61-60

YEAR:

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING ≥ 20000	58.7	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3
IV 18000	62.6	63.6	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2
IV 16000	63.4	64.1	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8
IV 14000	63.8	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5	65.5
IV 12000	66.8	67.7	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4
IV 10000	69.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8
IV 9000	73.8	75.9	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6
IV 8000	76.6	77.6	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2
IV 7000	79.4	79.8	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
IV 6000	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1
IV 5000	85.4	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.5
IV 4500	87.0	88.4	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2
IV 4000	90.0	90.1	90.3	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0
IV 3500	92.1	93.7	94.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6
IV 3000	92.9	94.6	95.0	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7
IV 2500	94.8	96.9	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
IV 2000	95.2	97.3	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3
IV 1800	95.7	98.0	98.3	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
IV 1500	95.8	98.4	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3
IV 1200	96.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 1000	96.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 900	96.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 800	96.2	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 700	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 600	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 500	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 400	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 300	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 200	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 100	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 0	96.2	98.8	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

65247
STATION

WILLIAMS LAKE H. G. CO. RT
STATION NAME

51-66
EARS

MONTHS

0000-0200
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	54.9	55.3	55.4	55.8	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	60.3	60.4	60.7	60.7	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	62.2
≥ 18000	60.8	61.0	61.3	61.3	61.3	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4
≥ 16000	60.8	61.3	61.3	61.3	61.3	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4
≥ 14000	64.0	64.2	64.4	64.4	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	66.0
≥ 12000	63.4	69.3	69.3	69.3	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.9
≥ 10000	75.6	76.3	76.3	76.3	76.4	76.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.9
≥ 9000	77.1	77.2	77.3	77.3	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	79.0
≥ 8000	79.3	79.3	79.9	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.8	81.4
≥ 7000	85.0	85.3	85.6	85.6	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	87.2
≥ 6000	87.6	87.9	88.2	88.2	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.9
≥ 5000	90.3	90.6	90.8	90.8	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.3
≥ 4500	90.7	91.0	91.3	91.3	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.9
≥ 4000	92.4	92.6	92.9	92.9	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.6
≥ 3500	92.8	93.2	93.5	93.5	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	95.1
≥ 3000	93.3	93.4	94.0	94.0	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.7
≥ 2500	93.6	94.2	94.4	94.4	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	96.1
≥ 2000	94.0	94.9	95.1	95.1	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.8
≥ 1800	94.2	95.1	95.4	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	97.1
≥ 1500	94.2	95.1	95.4	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	97.1
≥ 1200	94.4	95.6	95.8	95.8	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.6
≥ 1000	94.4	95.6	96.0	96.0	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	98.1
≥ 900	94.4	95.7	96.1	96.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	98.2
≥ 800	94.4	96.1	96.5	96.5	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.6
≥ 700	95.0	96.4	96.8	96.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.9
≥ 600	95.0	96.4	96.8	96.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.9
≥ 500	95.0	96.5	96.9	96.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	99.0
≥ 400	95.0	96.5	96.9	96.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	99.0
≥ 300	95.0	96.5	96.9	96.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	99.2
≥ 200	95.0	96.5	96.9	96.9	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.4
≥ 100	95.0	96.5	96.9	96.9	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.4
≥ 0	95.0	96.5	96.9	96.9	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25257 WILLIAMS LAKE R/C FLD APT

01-08

YEARS

25P

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2400-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	51.4	51.8	51.8	52.1	52.5	52.5	52.8	52.8	52.8	52.9	53.1	53.1	53.6	53.6	54.3	54.7
≥ 20000	56.1	56.1	56.1	56.4	56.6	56.8	57.1	57.1	57.1	57.2	57.4	57.4	57.9	57.9	58.8	59.2
≥ 18000	56.1	56.1	56.1	56.4	56.6	56.8	57.1	57.1	57.1	57.2	57.4	57.4	57.9	57.9	58.8	59.2
≥ 16000	56.1	56.1	56.1	56.4	56.6	56.8	57.1	57.1	57.1	57.2	57.4	57.4	57.9	57.9	58.8	59.2
≥ 14000	59.3	59.3	59.3	59.6	60.0	60.0	60.3	60.3	60.3	60.4	60.6	60.6	61.1	61.1	61.8	62.2
≥ 12000	63.9	63.9	63.9	64.2	64.6	64.6	64.9	64.9	64.9	65.0	65.1	65.1	65.7	65.7	66.4	66.8
≥ 10000	70.4	70.6	70.6	70.8	71.3	71.3	71.5	71.5	71.5	71.7	71.8	71.8	72.4	72.4	73.1	73.5
≥ 9000	72.1	72.2	72.2	72.4	72.9	72.9	73.3	73.3	73.3	73.5	73.6	73.6	74.2	74.2	74.9	75.3
≥ 8000	75.6	75.8	75.8	76.1	76.5	76.5	77.2	77.2	77.2	77.4	77.5	77.5	78.1	78.1	78.8	79.2
≥ 7000	79.4	79.7	79.7	80.0	80.4	80.4	81.1	81.1	81.1	81.5	81.7	81.7	82.2	82.2	82.9	83.3
≥ 6000	81.4	81.7	81.7	81.9	82.4	82.4	83.1	83.1	83.1	83.8	83.9	83.9	84.4	84.4	85.1	85.6
≥ 5000	85.3	85.6	85.6	85.8	86.3	86.3	86.9	86.9	86.9	87.6	87.8	87.8	88.3	88.3	89.0	89.4
≥ 4500	85.7	86.0	86.0	86.3	86.7	86.7	87.4	87.4	87.4	88.1	88.2	88.2	88.8	88.8	89.4	89.9
≥ 4000	87.8	88.2	88.2	88.5	88.9	88.9	89.6	89.6	89.6	90.3	90.4	90.4	91.0	91.0	91.7	92.1
≥ 3500	88.2	88.5	88.5	88.9	89.2	89.2	89.6	89.6	89.6	90.3	90.3	90.3	91.0	91.0	91.7	92.1
≥ 3000	88.9	89.3	89.3	89.6	90.0	90.0	90.7	90.7	90.7	90.7	91.4	91.4	91.5	91.5	92.1	92.4
≥ 2500	89.4	90.0	90.0	90.3	90.7	90.7	91.4	91.4	91.4	91.4	92.1	92.2	92.2	92.2	92.8	93.2
≥ 2000	90.1	90.8	90.8	91.1	91.5	91.5	92.2	92.2	92.2	92.2	92.9	93.1	93.1	93.6	93.6	94.3
≥ 1800	90.3	91.0	91.0	91.3	91.7	91.7	92.4	92.4	92.4	92.4	93.1	93.2	93.2	93.8	93.8	94.4
≥ 1500	90.5	91.3	91.3	91.5	91.9	91.9	92.6	92.6	92.6	92.6	93.3	93.5	93.5	94.0	94.0	94.7
≥ 1200	91.3	91.9	91.9	92.2	92.6	92.6	93.3	93.3	93.3	93.3	94.0	94.2	94.2	94.7	94.7	95.0
≥ 1000	91.3	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4
≥ 900	91.8	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4
≥ 800	91.8	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4
≥ 700	91.4	92.8	92.8	93.1	93.5	93.5	94.2	94.2	94.2	94.2	94.9	95.0	95.0	95.6	95.6	96.4
≥ 600	92.1	93.1	93.1	93.5	93.9	93.9	94.6	94.6	94.6	94.6	95.3	95.4	95.4	96.0	96.0	96.6
≥ 500	92.5	93.6	93.6	94.0	94.4	94.4	95.1	95.1	95.1	95.1	96.0	96.1	96.4	96.9	96.9	97.0
≥ 400	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	95.3	96.1	96.3	96.5	97.1	97.1	97.9
≥ 300	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	95.3	96.5	96.7	96.9	97.5	97.5	98.3
≥ 200	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	95.3	96.9	97.1	97.4	98.1	98.1	98.9
≥ 100	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	95.3	96.9	97.1	97.4	98.2	98.2	99.0
≥ 0	92.6	93.8	93.8	94.2	94.6	94.6	95.3	95.3	95.3	95.3	96.9	97.1	97.4	98.3	98.3	99.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATC FIELD SERVICE DIVISION
USAF ETAC
AIR BASE, HAWAII/NO

CEILING VERSUS VISIBILITY

22247
1/1/60

ELLERB LING
1/1/60

T 151

61-58

1/1/60

1/1/60

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 6000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 5000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1800	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1200	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 900	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 800	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 700	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 600	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 400	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 300	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 200	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 100	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC 0-14 51011 0-14 51011 0-14 51011 0-14 51011 0-14 51011

21

DATA PROCESSING DIVISION
U.S. AIR FORCE
FEDERAL AVIATION ADMINISTRATION

CEILING VERSUS VISIBILITY

61-100
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES									
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1
NO CEILING	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 18000	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 16000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 14000	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 12000	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 10000	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 9000	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 7000	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 6000	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 4000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1800	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC 0145 011

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25252

JULIAN'S CODE: 0001

01-01

YEAR

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12/2-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

43247 WILLIAMS LAKE AFB, MT

01-69

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1 1/16	≥ 3/4	≥ 5/8	≥ 1/2	≥ 1/4	≥ 0
NO CEILING ≥ 20000	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 18000	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 16000	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 14000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 12000	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 10000	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR-TEACHER SERVICE/ATC

CEILING VERSUS VISIBILITY

25247

WILLIAMS LAKE CO. POT APT

61-62

YEAR

JEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.16	≥.1	≥0
NO CEILING	12.0	27.9	52.9	52.9	53.2	54.1	53.3	53.4	53.3	53.0	53.9	53.9	53.9	53.9	54.1	54.2
≥ 20000	18.4	59.2	59.2	59.2	59.3	59.3	59.0	59.0	59.0	59.9	60.1	60.1	60.1	60.1	60.4	60.4
IV 18000	10.1	60.4	50.4	60.4	60.4	60.0	60.3	60.3	60.8	61.1	61.4	61.3	61.4	61.4	61.7	61.7
IV 16000	10.3	60.5	60.0	60.6	60.7	60.7	61.0	61.0	61.0	61.3	61.5	61.5	61.5	61.5	61.7	61.7
IV 14000	10.6	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.5	66.9	67.1	67.1	67.1	67.1	67.4	67.4
IV 12000	70.0	70.3	70.3	70.3	70.4	70.4	70.7	70.7	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3
IV 10000	77.3	77.9	77.9	77.9	78.1	78.1	78.4	78.4	78.3	78.6	78.9	78.9	78.9	78.9	79.1	79.2
IV 9000	79.4	79.9	79.9	79.9	80.0	80.0	80.3	80.3	80.3	80.5	80.8	80.8	80.8	80.8	81.1	81.1
IV 8000	81.1	81.5	81.5	81.5	81.7	81.7	81.9	81.9	81.9	82.2	82.5	82.5	82.5	82.5	82.8	82.8
IV 7000	85.0	85.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.8	87.1	87.1	87.1	87.1	87.4	87.4
IV 6000	88.1	88.6	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.3	89.6	89.6	89.6	89.6	89.9	89.9
IV 5000	91.1	91.7	91.7	91.7	91.9	91.9	92.2	92.2	92.2	92.5	92.7	92.7	92.7	92.8	93.1	93.1
IV 4500	92.2	92.9	92.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0	94.3	94.3
IV 4000	93.2	93.9	93.9	94.0	94.3	94.3	94.6	94.6	94.6	94.9	95.1	95.1	95.1	95.1	95.4	95.4
IV 3500	93.6	94.3	94.3	94.4	94.7	94.7	95.0	95.0	95.0	95.3	95.6	95.6	95.6	95.6	95.8	95.8
IV 3000	94.4	95.3	95.3	95.4	95.7	95.7	96.0	96.0	96.0	96.3	96.5	96.5	96.5	96.5	96.8	96.8
IV 2500	95.1	96.3	96.3	96.4	96.7	96.7	96.9	96.9	96.9	97.2	97.5	97.5	97.5	97.5	97.8	97.8
IV 2000	95.6	97.2	97.2	97.4	97.6	97.6	97.9	97.9	97.9	98.2	98.5	98.5	98.5	98.5	98.8	98.8
IV 1800	95.6	97.4	97.4	97.5	97.8	97.8	98.1	98.1	98.1	98.3	98.6	98.6	98.6	98.6	98.9	98.9
IV 1500	95.7	97.5	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	99.2	99.2
IV 1200	95.7	97.5	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	99.2	99.2
IV 1000	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 900	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 800	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 700	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 600	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 500	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 400	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 300	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 200	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 100	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4
IV 0	95.7	97.5	97.5	97.8	98.3	98.3	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

727

USAF ETAC

FORM 0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FEAT BRANCH/AC

CEILING VERSUS VISIBILITY

25247

STATION NAME

61-68

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING ≥ 20000	48.5	47.4	47.6	47.6	47.7	47.7	48.0	48.3	48.0	48.0	48.1	48.1	48.7	48.7	48.8	48.8
IV 18000	52.7	53.8	53.8	53.3	53.3	53.9	54.0	54.0	54.2	54.2	54.3	54.3	54.8	54.8	55.2	55.2
IV 16000	54.0	55.0	55.1	55.1	55.2	55.2	55.5	55.5	55.5	55.5	55.6	55.6	56.2	56.2	56.3	56.3
IV 14000	54.2	55.1	55.2	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	56.3	56.3	56.5	56.5
IV 12000	57.5	58.5	58.8	58.8	58.7	58.7	59.0	59.0	59.0	59.0	59.1	59.1	59.7	59.7	60.1	60.2
IV 10000	62.2	63.2	63.3	63.3	63.4	63.4	63.8	63.8	63.8	63.8	64.0	64.0	64.5	64.5	64.7	65.1
IV 8000	70.4	71.4	71.5	71.5	71.6	71.6	72.0	72.0	72.0	72.0	72.2	72.2	72.7	72.7	73.1	73.1
IV 7000	71.8	72.7	72.8	72.8	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	74.1	74.1	74.5	74.5
IV 6000	75.7	76.6	76.7	76.7	76.9	76.9	77.3	77.3	77.3	77.3	77.4	77.4	78.0	78.0	78.4	78.5
IV 5000	80.8	81.7	81.9	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	83.1	83.1	83.5	83.5
IV 4500	81.9	82.8	82.9	82.9	83.1	83.1	83.5	83.5	83.5	83.5	83.6	83.6	84.1	84.1	84.5	84.7
IV 4000	84.3	85.9	86.0	86.0	86.2	86.2	86.6	86.6	86.6	86.6	86.7	86.8	87.4	87.4	87.8	87.9
IV 3500	86.4	87.9	88.0	88.0	88.2	88.2	88.6	88.6	88.6	88.6	88.7	88.8	89.4	89.4	89.8	89.9
IV 3000	89.4	89.4	89.5	89.5	89.7	89.7	90.1	90.1	90.1	90.2	90.3	90.3	90.9	90.9	91.3	91.4
IV 2500	90.9	90.9	91.0	91.1	91.3	91.3	91.7	91.7	91.7	91.7	91.8	91.9	92.5	92.5	92.9	93.3
IV 2000	91.1	91.5	91.7	91.8	91.9	91.9	92.3	92.3	92.3	92.5	92.6	92.6	93.1	93.1	93.5	93.7
IV 1800	91.1	92.7	92.9	93.0	93.1	93.1	93.5	93.5	93.7	93.8	94.0	94.0	94.5	94.5	94.9	95.2
IV 1500	91.5	93.1	93.3	93.4	93.5	93.5	94.0	94.0	94.1	94.2	94.4	94.4	94.9	94.9	95.3	95.4
IV 1200	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.6	95.6	96.0	96.1
IV 1000	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.6	95.6	96.0	96.1
IV 900	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.6	95.6	96.0	96.1
IV 800	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.6	95.6	96.0	96.1
IV 700	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.6	95.6	96.0	96.1
IV 600	91.9	93.7	93.8	94.0	94.2	94.2	94.6	94.6	94.6	94.8	94.9	95.0	95.6	95.6	96.0	96.1
IV 500	92.1	93.8	94.0	94.1	94.4	94.4	94.9	94.9	95.0	95.3	95.4	95.4	96.0	96.0	96.4	96.6
IV 400	92.1	93.8	94.0	94.1	94.4	94.4	94.9	94.9	95.0	95.3	95.4	95.4	96.0	96.0	96.4	96.6
IV 300	92.1	94.1	94.4	95.0	95.3	95.3	95.8	95.8	96.0	96.2	96.4	96.4	97.0	97.3	97.7	97.8
IV 200	92.1	94.1	94.4	95.0	95.3	95.3	96.0	96.0	96.1	96.3	96.4	96.4	97.0	97.3	97.7	97.8
IV 100	92.1	94.1	94.4	95.0	95.3	95.3	96.0	96.0	96.1	96.3	96.4	96.4	97.0	97.3	97.7	97.8
IV 0	92.1	94.1	94.4	95.0	95.3	95.3	96.0	96.0	96.1	96.3	96.4	96.4	97.0	97.3	97.7	97.8

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE FAC

CEILING VERSUS VISIBILITY

05297 WILLIAMS LAKE H.C. MT APT

01-04

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING ≥ 20000	2.7	4.9	43.0	43.4	43.3	43.3	43.3	43.3	43.3	43.7	43.7	43.7	44.4	44.4	44.4	45.2
≥ 18000	50.1	50.3	50.4	50.6	50.7	50.9	50.9	50.9	50.9	51.1	51.1	51.1	51.7	51.7	51.7	52.0
≥ 16000	50.1	50.3	50.4	50.6	50.7	50.9	50.9	50.9	50.9	51.1	51.1	51.1	51.7	51.7	51.7	52.0
≥ 14000	53.2	53.4	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.4	54.8	54.8	55.2	55.9
≥ 12000	57.0	57.9	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.9	59.4	59.4	59.8	60.6
≥ 10000	66.0	66.4	66.4	66.8	66.8	66.9	66.9	66.9	66.9	67.1	67.1	67.2	67.7	67.7	68.1	69.1
≥ 9000	70.0	70.9	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	72.2	72.2	72.6	73.5
≥ 8000	75.9	76.2	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.4	78.0	78.0	78.4	79.3
≥ 7000	78.5	78.8	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.8	80.0	80.1	80.6	80.6	81.0	82.0
≥ 6000	81.7	82.4	82.5	83.1	83.3	83.5	83.5	83.5	83.5	83.6	83.7	83.7	84.4	84.4	84.8	85.8
≥ 5000	81.9	82.5	82.7	83.2	83.6	83.6	83.6	83.6	83.6	83.7	83.9	84.0	84.5	84.5	84.9	85.9
≥ 4500	82.8	83.5	83.6	84.1	84.5	84.5	84.5	84.5	84.5	84.7	84.8	84.9	85.5	85.5	85.9	86.5
≥ 4000	84.0	84.7	84.8	85.3	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.2	86.7	86.7	87.1	88.0
≥ 3500	86.0	86.7	86.8	87.4	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.2	88.7	88.7	89.1	90.1
≥ 3000	86.7	87.4	87.5	88.0	88.4	88.4	88.4	88.4	88.4	88.6	88.7	88.8	89.4	89.4	89.8	90.7
≥ 2500	87.9	88.6	88.8	89.4	89.9	89.9	89.9	89.9	89.9	90.1	90.2	90.3	90.9	90.9	91.3	92.2
≥ 2000	88.0	88.7	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.5	91.0	91.0	91.4	92.3
≥ 1800	88.0	88.7	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.5	91.0	91.0	91.4	92.3
≥ 1500	88.0	88.7	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.5	91.0	91.0	91.4	92.3
≥ 1200	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 1000	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 900	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 800	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 700	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 600	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 500	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 400	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 300	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 200	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 100	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4
≥ 0	88.7	89.4	90.1	90.6	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.5	92.1	92.1	92.5	93.4

TOTAL NUMBER OF OBSERVATIONS

746

USAF ETAC FORM 101-64 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25267 WILLIAMS LAKE B. OUT ART
STATION NAME

61-68

YEARS

1967

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	≥ 5/16	≥ 4	≥ 0
NO CEILING	43.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 20000	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 18000	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 16000	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 14000	43.0	43.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 12000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 10000	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 9000	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 8000	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 7000	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	85.9	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2000	87.2	87.8	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1800	87.4	88.0	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1500	87.6	88.4	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1200	88.2	89.1	89.5	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	88.3	89.5	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	88.3	89.5	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 800	88.6	89.8	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	88.6	89.8	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 600	89.0	90.5	91.0	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 500	89.0	90.5	91.1	91.8	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	89.0	90.5	91.3	92.1	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 300	89.0	90.5	91.3	92.3	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 200	89.0	90.5	91.3	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 100	89.0	90.5	91.3	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 0	89.0	90.5	91.3	92.3	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS CRK 2000 FT
STATION NAME

01-58
YEAR

YEARS

01
WIND

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6500-1100
NO. OF OBS.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 18000	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 16000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 14000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 12000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 10000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 7000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 5000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3500	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2500	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1800	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 900	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 800	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 700	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 600	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 300	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 200	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 100	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 100-64

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PREPARED BY DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

85267 ILLINOIS CREEK, ILL. APT

01-65

YEAR

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1270-1400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 20	≥ 20	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13	≥ 12
NO. CEILING	7.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 24000	42.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/AC

CEILING VERSUS VISIBILITY

75247

WILLIAMS FIELD AFB OH

01-60

(YEAR)

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.7
≥ 20000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.7
≥ 18000	41.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
≥ 16000	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3
≥ 14000	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 10000	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6
≥ 9000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1
≥ 8000	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
≥ 7000	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 6000	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 5000	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 4500	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥ 4000	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 3500	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 3000	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.7
≥ 2500	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9
≥ 2000	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.4
≥ 1800	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.2
≥ 1500	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.6
≥ 1200	94.6	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4
≥ 1000	95.7	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6
≥ 900	95.8	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
≥ 800	95.8	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
≥ 700	95.8	97.2	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1
≥ 600	96.0	97.3	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.4
≥ 500	96.2	97.6	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.8
≥ 400	96.3	97.8	98.0	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.2
≥ 300	96.3	97.8	98.0	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.5
≥ 200	96.3	98.0	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9
≥ 100	96.3	98.0	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
≥ 0	96.3	98.0	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25247
STATION

ILIA IS CORRECTIONARY

61-64

YEARS

LCR
COUNT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
MILES

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	41.4	41.5	41.7	41.8	41.9	41.9	41.9	41.9	41.8	41.5	41.9	41.9	41.9	42.1	42.1	42.1
≥ 20000	48.1	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8
IV 18000	48.5	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2
IV 16000	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.5	49.6	49.6	49.6
IV 14000	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.8	53.8	53.8
IV 12000	57.9	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6
IV 10000	63.3	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0
IV 9000	65.1	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7
IV 8000	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6
IV 7000	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2
IV 6000	77.6	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5
IV 5000	81.0	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9
IV 4500	82.1	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9
IV 4000	87.3	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8
IV 3500	88.4	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2
IV 3000	90.7	90.3	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0
IV 2500	91.0	91.3	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6
IV 2000	91.9	92.9	93.0	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8
IV 1800	92.1	93.0	93.1	93.3	93.5	93.5	93.5	93.7	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1
IV 1500	92.5	93.4	93.7	93.8	94.2	94.2	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9
IV 1200	92.6	93.5	93.8	94.3	94.5	94.5	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3
IV 1000	93.1	94.2	94.6	94.9	95.4	95.4	95.7	96.2	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5
IV 900	93.1	94.2	94.8	95.2	95.7	95.7	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8
IV 800	93.1	94.2	94.8	95.3	95.8	95.8	96.1	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0
IV 700	93.3	94.4	94.9	95.4	96.0	96.0	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2
IV 600	93.3	94.4	94.9	95.4	96.0	96.0	96.2	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3
IV 500	93.7	94.8	95.4	95.8	96.4	96.4	96.6	97.4	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7
IV 400	93.7	94.8	95.4	96.0	96.6	96.6	96.9	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
IV 300	93.7	95.0	95.7	96.2	96.9	96.9	97.2	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3
IV 200	93.7	95.0	95.7	96.2	96.9	96.9	97.4	98.3	98.3	98.3	98.4	98.4	98.4	98.8	98.8	98.8
IV 100	93.7	95.0	95.7	96.2	96.9	96.9	97.4	98.4	98.4	98.4	98.5	98.5	98.5	98.9	98.9	98.9
IV 0	93.7	95.0	95.7	96.2	96.9	96.9	97.4	98.4	98.4	98.4	98.5	98.5	98.5	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

FORM 54

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR LEADER EMBURY AL

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAKE ALCUT EPT

01-87

YEAR

01

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 0	≥ 0
NO CEILING	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.4	46.4	46.4
≥ 20000	46.1	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.2
≥ 18000	52.2	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	52.8	53.1
≥ 16000	52.2	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.0	53.2
≥ 14000	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3	57.4
≥ 12000	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.6	62.6	62.6
≥ 10000	69.6	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	71.1	71.1	71.1
≥ 9000	72.0	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.4	73.4	73.7
IV 8000	76.1	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.6	77.6	77.7
IV 7000	80.4	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.9	81.9	82.1
IV 6000	81.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	83.1	83.1	83.3
IV 5000	84.1	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.3	85.9	85.9	86.2
IV 4500	84.4	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.6	85.6	85.6	86.2	86.2	86.4
IV 4000	87.1	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.7	89.1	89.1	89.4
IV 3500	88.0	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5	89.5	89.7	90.1	90.1	90.3
IV 3000	89.2	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.3	91.3	91.4	91.8	91.8	92.1
IV 2500	90.2	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.3	92.7	92.7	93.0
IV 2000	91.1	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.1	93.1	93.3	93.7	93.7	94.0
IV 1800	91.1	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.4	93.8	93.8	94.1
IV 1500	91.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8	93.8	94.0	94.5	94.5	94.7
IV 1200	92.1	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.6	94.6	95.0	95.2	95.2	95.7
IV 1000	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 900	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 800	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 700	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 600	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 500	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 400	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 300	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 200	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 100	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8
IV 0	92.2	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.8	94.8	95.2	95.3	95.3	95.8

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATO PROCESSION DIVISION
USAF ETAC
15 JUL 68 08 101700

CEILING VERSUS VISIBILITY

0262 WILLIAMS WAREHOUSE OUT LOT

01-00

YEAR

19

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	40.5	41.7	41.4	42.4	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 14000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 8000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 7000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 6000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 5000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 4500	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 4000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 3500	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 3000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 2500	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 2000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 1800	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 1500	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 1200	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 1000	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 900	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 800	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 700	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 600	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 500	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 400	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 300	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 200	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 100	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 0	40.5	40.9	40.9	47.1	47.1	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3

TOTAL NUMBER OF OBSERVATIONS

740

USAF ETAC FORM 10-64 0-14.5 (OL 1) PREPARED BY THE AIR FORCE ENGINEERING CENTER

DATA PROCESSING DIVISION
USAF ETAC
WILLOW LAKE, BRITISH COLUMBIA

CEILING VERSUS VISIBILITY

1922-2 WILLLOW LAKE, BRITISH COLUMBIA

01-50

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.3	39.9	40.1	40.1	40.1	40.7	40.7	40.7	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1
≥20000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥18000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥16000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥14000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥12000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥10000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥9000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥8000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥7000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥6000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥5000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥4500	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥4000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥3500	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥3000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥2500	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥2000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1800	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1500	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1200	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥1000	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥900	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥800	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥700	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥600	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥500	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥400	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥300	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥200	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥100	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7
≥0	4.3	44.3	44.3	44.3	44.7	44.7	44.7	45.1	45.1	45.1	45.6	45.6	45.6	45.7	45.7	45.7

TOTAL NUMBER OF OBSERVATIONS

721

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FOR CEILING VISIBILITY
 USAF ETAC
 AIR FORCE ENGINEERING DIVISION

CEILING VERSUS VISIBILITY

25247

ILLINOIS STATE COLLEGE AT ST. LOUIS

61-64

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6000-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.0	4.6	4.6	4.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
≥ 20000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 18000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 16000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 14000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 12000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 10000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 9000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 8000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 7000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 6000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 5000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 4500	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 4000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 3500	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 3000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 2500	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 2000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1800	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1500	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1200	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 1000	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 900	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 800	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 700	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 600	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 500	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 400	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 300	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 200	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 100	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
IV 0	6.4	6.9	6.9	6.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7

TOTAL NUMBER OF OBSERVATIONS

7.7

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

252.2

ILLUMINANCE (FOOT CANDLE)

61-64

YEAR:

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9200-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
IV 18000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
IV 16000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
IV 14000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 12000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 10000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 9000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 8000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 7000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 6000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 5000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 4500	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 4000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 3500	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 3000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2500	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 2000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1800	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1500	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1200	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 900	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 800	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 700	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 600	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 500	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 400	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 300	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 200	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 100	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR-WEATHER SERVICE

CEILING VERSUS VISIBILITY

25247

WILLIAMS AFB, OKLAHOTA

61-44

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000	16.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 18000	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 16000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
IV 14000	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 12000	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 10000	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 9000	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 8000	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 7000	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 5000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 4500	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3500	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 3000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2500	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 2000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 1800	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 1500	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 1200	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 1000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 900	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 800	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 700	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 600	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 500	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 400	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 300	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 200	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 100	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
6TH FLEET RECRUITING

CEILING VERSUS VISIBILITY

22292 ILLIAMS LINE C/O DET APT

61-54

HEAD

1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥20000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥18000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥16000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥14000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥12000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥10000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥9000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥8000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥7000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥6000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥5000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥4500	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥4000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥3500	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥3000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥2500	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥2000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥1800	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥1500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥1200	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥1000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥900	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥800	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥700	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥600	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥400	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥300	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM 101-64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER, BENTONVILLE

CEILING VERSUS VISIBILITY

6245 WILLIAMS LAKE W. C. FIELD AFB

61-60

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1-00-2000
NO. OF YEARS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	41.1	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.4	42.4	42.6	42.9	42.9	43.1
≥ 20000	44.8	45.4	45.6	45.6	45.6	45.6	45.6	45.7	45.6	45.7	45.8	45.8	46.0	46.3	46.4	46.5
IV 18000	44.7	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8	46.0	46.0	46.3	46.5	46.5	46.7
IV 16000	45.1	45.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.3	46.4	46.4	46.8	46.9	46.9	47.1
IV 14000	46.5	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.8	47.8	48.2	48.3	48.3	48.5
IV 12000	49.9	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.1	51.1	51.5	51.7	51.7	51.9
IV 10000	56.2	59.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4	59.9	60.0	60.0	60.1
IV 9000	60.2	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.8	61.9	61.9	62.1
IV 8000	62.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.9	64.9	65.3	65.4	65.4	65.6
IV 7000	67.5	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.8	68.9	69.3	69.4	69.4	69.6
IV 6000	69.2	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.7	70.7	71.1	71.3	71.3	71.4
IV 5000	72.4	73.3	73.5	73.5	73.6	73.6	73.8	73.8	73.8	73.9	74.0	74.0	74.4	74.6	74.6	74.7
IV 4500	73.2	74.2	74.3	74.3	74.4	74.4	74.5	74.6	74.6	74.7	74.9	74.9	75.3	75.4	75.4	75.5
IV 4000	75.7	77.1	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.8	77.9	77.9	78.3	78.5	78.5	78.6
IV 3500	75.3	77.5	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.5	78.6	78.6	79.0	79.2	79.2	79.3
IV 3000	77.8	79.6	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.7	80.7	81.1	81.3	81.3	81.4
IV 2500	79.0	81.5	82.1	82.1	82.2	82.2	82.4	82.4	82.4	82.5	82.6	82.6	83.1	83.2	83.2	83.3
IV 2000	81.0	83.2	83.9	83.9	84.2	84.2	84.4	84.4	84.4	84.6	84.7	84.7	85.1	85.3	85.3	85.4
IV 1800	81.8	84.7	84.7	84.7	85.0	85.0	85.4	85.4	85.4	85.6	85.7	85.7	86.1	86.3	86.3	86.4
IV 1500	82.6	84.9	85.7	85.7	86.0	86.0	86.3	86.3	86.3	86.5	86.6	86.6	87.4	87.5	87.5	87.6
IV 1200	84.2	86.9	87.8	87.8	88.1	88.1	88.9	88.9	89.0	89.4	89.6	89.6	90.1	90.3	90.3	90.4
IV 1000	84.0	87.5	88.3	88.3	89.3	89.3	90.3	90.4	90.4	90.8	91.0	91.0	91.5	91.7	91.7	91.8
IV 900	84.7	87.8	88.6	89.3	89.7	89.7	90.7	90.8	90.8	91.3	91.5	91.5	92.1	92.2	92.2	92.4
IV 800	85.3	88.8	89.4	90.0	90.7	90.7	91.8	91.9	91.9	92.4	92.6	92.6	93.2	93.3	93.3	93.5
IV 700	85.7	89.2	90.0	90.4	91.1	91.1	92.4	92.5	92.5	92.9	93.2	93.2	93.8	93.9	93.9	94.0
IV 600	86.1	89.5	90.4	91.1	91.8	91.8	93.2	93.3	93.3	94.0	94.3	94.3	95.1	95.3	95.3	95.4
IV 500	86.3	89.9	90.7	91.7	92.4	92.4	93.8	94.0	94.0	95.3	95.6	95.6	96.4	96.5	96.5	96.7
IV 400	86.3	90.0	90.8	91.9	93.1	93.1	94.4	95.3	95.8	96.7	96.9	96.9	97.8	97.9	97.9	98.1
IV 300	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.4	96.0	96.9	97.2	97.2	98.1	98.2	98.2	98.6
IV 200	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.4	96.0	96.9	97.2	97.2	98.1	98.2	98.2	98.6
IV 100	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.4	96.1	97.1	97.4	97.4	98.2	98.3	98.3	98.9
IV 0	86.3	90.0	90.8	91.9	93.2	93.2	95.0	95.6	96.1	97.1	97.4	97.4	98.2	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

22247

WILLIAMS LAKE AFB, IDAHO

61-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	33.7	39.3	39.6	39.0	39.7	39.7	39.9	39.9	39.9	39.9	40.4	40.4	40.6	40.6	40.7	41.0
≥ 20000	45.0	45.7	46.0	46.0	46.1	46.1	46.3	46.4	46.3	46.3	46.8	46.8	46.9	46.9	47.1	47.4
≥ 18000	45.6	46.3	46.5	46.5	46.7	46.7	46.8	46.8	46.8	46.8	47.3	47.4	47.4	47.5	47.6	47.9
≥ 16000	46.0	46.7	46.9	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.8	47.8	47.9	47.9	48.1	48.3
≥ 14000	47.4	48.1	48.3	48.3	48.5	48.5	48.7	48.7	48.7	48.7	49.2	49.2	49.3	49.3	49.4	49.7
≥ 12000	51.1	51.8	52.1	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.9	52.9	53.1	53.1	53.2	53.5
≥ 10000	54.1	55.0	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.6	56.1	56.1	56.3	56.3	56.4	56.7
≥ 9000	60.3	61.3	61.5	61.5	61.7	61.7	61.9	61.9	61.8	61.8	62.4	62.4	62.5	62.5	62.6	62.9
≥ 8000	64.6	65.6	65.8	65.8	66.1	66.1	66.3	66.3	66.1	66.1	66.7	66.7	66.8	66.8	66.9	67.2
≥ 7000	67.6	68.8	69.0	69.0	69.2	69.2	69.3	69.3	69.3	69.3	70.0	70.0	70.2	70.2	70.3	70.7
≥ 6000	68.8	69.9	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	71.1	71.1	71.4	71.4	71.5	71.8
≥ 5000	71.4	72.5	72.9	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.9	73.9	74.2	74.2	74.3	74.6
≥ 4500	71.7	72.8	73.2	73.2	73.3	73.3	73.5	73.5	73.5	73.5	74.2	74.2	74.4	74.4	74.6	74.9
≥ 4000	73.2	74.4	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.8	75.8	76.1	76.1	76.2	76.5
≥ 3500	73.6	74.9	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	76.4	76.4	76.7	76.7	76.8	77.1
≥ 3000	76.1	77.4	77.9	77.9	78.1	78.1	78.2	78.2	78.2	78.2	79.0	79.0	79.3	79.3	79.4	79.7
≥ 2500	76.9	78.2	78.8	78.8	79.0	79.0	79.2	79.2	79.2	79.2	80.0	80.0	80.3	80.3	80.4	80.7
≥ 2000	76.6	80.7	81.3	81.3	81.7	81.7	81.9	81.9	81.9	81.9	82.1	82.8	82.8	83.1	83.1	83.3
≥ 1800	79.3	81.5	82.1	82.1	82.3	82.3	82.5	82.5	82.5	82.5	82.9	83.6	83.6	83.9	83.9	84.3
≥ 1500	80.7	82.7	83.3	83.3	84.2	84.2	84.4	84.4	84.4	84.4	84.7	85.4	85.4	85.7	85.7	86.1
≥ 1200	81.3	83.4	84.2	84.2	85.4	85.4	86.1	86.1	86.4	86.4	86.8	87.5	87.5	87.9	87.9	88.3
≥ 1000	81.9	84.6	85.1	85.1	86.3	86.3	87.1	87.1	87.9	88.2	88.2	89.2	89.9	89.9	90.3	90.7
≥ 900	82.2	84.9	85.4	85.4	87.4	87.4	87.5	88.0	88.4	88.4	89.0	90.0	90.7	90.7	91.1	91.5
≥ 800	82.6	85.3	85.8	85.8	87.8	87.8	87.9	89.0	89.3	89.4	90.8	91.8	91.8	92.2	92.2	92.6
≥ 700	82.6	85.7	86.3	86.3	87.4	88.3	88.5	89.0	89.9	90.0	91.4	92.4	92.4	92.8	92.8	93.2
≥ 600	82.9	86.7	87.2	87.2	88.3	89.4	89.6	90.7	91.0	91.1	92.5	93.5	93.5	94.0	94.0	94.4
≥ 500	83.2	87.1	87.4	87.4	88.9	89.9	90.0	91.3	91.5	91.7	93.1	94.2	94.2	94.9	94.9	95.3
≥ 400	83.2	87.2	87.8	87.8	89.0	90.4	90.7	91.9	92.2	92.4	94.0	95.1	95.1	96.1	96.1	96.3
≥ 300	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.4	92.6	92.8	94.4	95.7	95.7	96.7	96.7	97.1
≥ 200	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.5	92.8	92.9	94.9	96.1	96.1	97.1	97.1	98.1
≥ 100	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.5	92.8	92.9	94.9	96.1	96.1	97.4	97.4	98.5
≥ 0	83.2	87.2	87.8	87.8	89.2	90.6	91.0	92.5	92.8	92.9	94.9	96.1	96.1	97.5	97.5	98.9

TOTAL NUMBER OF OBSERVATIONS

740

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23247
STATION

JULIA'S LAKE H C DIST APT
STATION NAME

61-64

YEARS

1960

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	50.4	57.2	37.2	37.4	37.7	37.7	38.2	38.2	38.2	38.6	38.7	38.7	38.7	38.7	38.7	38.9
≥ 20000	40.2	41.0	41.0	41.2	41.4	41.4	42.0	42.0	42.0	42.4	42.5	42.5	42.5	42.5	42.5	42.6
IV 18000	40.2	41.0	41.0	41.2	41.4	41.4	42.0	42.0	42.0	42.4	42.5	42.5	42.5	42.5	42.5	42.6
IV 16000	40.3	41.3	41.3	41.4	41.7	41.7	42.2	42.2	42.2	42.6	42.8	42.8	42.8	42.8	42.8	42.9
IV 14000	42.2	43.0	43.0	43.2	43.3	43.3	44.0	44.0	44.0	44.4	44.5	44.5	44.5	44.5	44.5	44.7
IV 12000	43.2	46.0	46.0	46.2	46.4	46.4	47.1	47.1	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6
IV 10000	49.3	50.7	50.7	50.9	51.6	51.6	52.4	52.4	52.4	52.8	52.9	52.9	52.9	52.9	53.0	54.0
IV 9000	50.6	52.0	52.0	52.1	52.8	52.8	53.6	53.6	53.6	54.0	54.1	54.1	54.1	54.1	54.3	54.3
IV 8000	54.4	55.7	55.7	55.9	56.5	56.5	57.4	57.4	57.4	57.8	57.9	57.9	57.9	57.9	58.0	58.0
IV 7000	56.8	58.4	58.4	58.6	59.2	59.2	60.1	60.1	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.9
IV 6000	57.4	59.4	59.4	59.5	60.2	60.2	61.0	61.1	61.1	61.5	61.7	61.7	61.7	61.7	61.8	61.8
IV 5000	59.4	62.3	62.3	62.5	63.2	63.2	64.0	64.1	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.8
IV 4500	59.6	62.8	62.8	62.9	63.6	63.6	64.4	64.5	64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.2
IV 4000	61.4	64.8	64.8	65.3	66.0	66.0	66.8	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.6
IV 3500	63.0	66.4	66.4	66.7	67.6	67.6	68.4	68.6	68.6	69.0	69.1	69.1	69.1	69.1	69.2	69.2
IV 3000	67.2	71.4	71.4	72.1	72.1	73.1	74.3	74.6	74.6	75.0	75.2	75.2	75.2	75.2	75.3	75.3
IV 2500	68.8	72.6	72.6	73.3	74.4	74.4	75.7	75.8	75.8	76.2	76.4	76.4	76.4	76.4	76.5	76.5
IV 2000	71.4	76.1	76.1	77.2	78.4	78.4	80.2	80.3	80.3	81.0	81.1	81.1	81.1	81.1	81.2	81.2
IV 1800	72.0	77.2	77.6	78.3	79.6	79.6	81.4	81.5	81.5	82.2	82.3	82.3	82.3	82.3	82.3	82.5
IV 1500	74.8	79.8	80.2	80.8	82.5	82.5	84.3	84.5	84.5	85.3	85.4	85.4	85.4	85.4	85.6	85.6
IV 1200	75.0	81.1	82.1	82.9	84.6	84.6	87.4	87.4	87.4	88.3	88.7	88.7	88.7	88.7	88.8	88.8
IV 1000	76.9	82.6	83.5	84.3	86.4	86.4	89.3	89.5	89.5	90.3	90.7	90.7	90.7	90.7	90.8	90.9
IV 900	77.2	83.0	83.9	84.8	86.8	86.8	89.7	89.9	89.9	90.7	91.2	91.2	91.2	91.2	91.4	91.4
IV 800	77.7	83.7	84.6	85.6	87.9	87.9	90.8	91.0	91.0	91.8	92.3	92.3	92.3	92.3	92.4	92.4
IV 700	78.1	84.1	85.4	86.4	88.7	88.7	91.6	91.8	91.8	92.6	93.1	93.1	93.1	93.3	93.4	93.4
IV 600	78.1	84.1	85.4	86.5	88.8	88.8	92.0	92.2	92.2	93.1	93.7	93.7	93.7	94.1	94.2	94.2
IV 500	78.1	84.5	85.8	86.9	89.3	89.3	92.7	92.8	92.8	93.9	94.5	94.5	94.5	94.9	95.0	95.0
IV 400	78.1	84.6	86.0	87.0	89.6	89.6	93.0	93.4	93.4	94.3	95.1	95.1	95.1	95.5	95.7	95.7
IV 300	78.1	84.8	86.1	87.2	90.0	90.0	93.6	94.2	94.2	95.3	96.0	96.0	96.0	96.3	96.6	96.6
IV 200	78.3	85.3	86.6	87.9	91.1	91.1	94.9	95.3	95.3	96.5	97.2	97.3	97.3	97.8	98.0	98.0
IV 100	78.5	85.3	86.6	87.9	91.1	91.1	95.0	95.4	95.4	96.6	97.3	97.4	97.4	98.0	98.1	98.5
IV 0	78.5	85.3	86.6	87.9	91.1	91.1	95.0	95.4	95.4	96.6	97.3	97.4	97.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

741

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE AC

CEILING VERSUS VISIBILITY

05247
STATION

WILLIAMS LAKE, S. D. DT APT

01-68

YEARS

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING ≥ 20000	35.1	37.1	37.2	37.2	37.4	37.4	37.4	38.1	38.1	38.3	38.6	38.6	38.9	37.9	39.0	39.0
≥ 18000	33.1	39.3	39.4	39.4	39.5	39.5	40.1	40.2	40.2	40.5	40.8	40.8	41.0	41.0	41.2	41.2
IV 16000	38.3	39.5	39.7	39.7	39.8	39.8	40.4	40.5	40.5	40.6	41.0	41.0	41.3	41.3	41.4	41.4
IV 14000	40.4	41.6	41.7	41.7	41.9	41.9	42.4	42.5	42.5	42.8	43.0	43.3	43.3	43.3	43.5	43.5
IV 12000	42.2	43.3	43.7	43.7	43.9	43.9	44.4	45.1	45.1	45.3	45.6	45.6	45.9	45.9	46.0	46.0
IV 10000	43.6	47.1	47.2	47.2	47.4	47.4	48.9	49.0	49.0	49.3	49.5	49.5	49.8	49.8	49.9	49.9
IV 9000	47.1	48.9	49.0	49.0	49.1	49.1	50.0	50.7	50.7	51.0	51.3	51.3	51.6	51.6	51.7	51.7
IV 8000	50.3	52.4	52.5	52.5	52.9	52.9	54.4	54.5	54.5	54.8	55.1	55.1	55.3	55.3	55.5	55.5
IV 7000	54.8	57.0	57.2	57.2	57.6	57.6	59.1	59.2	59.2	59.5	59.8	59.8	60.1	60.1	60.2	60.2
IV 6000	58.3	58.7	59.0	59.1	59.4	59.4	60.9	61.0	61.0	61.3	61.3	61.5	61.8	61.8	61.9	61.9
IV 5000	59.0	61.7	61.9	62.1	62.3	62.3	63.6	64.1	64.0	64.2	64.5	64.5	64.8	64.8	64.9	64.9
IV 4500	59.2	61.9	62.2	62.3	62.6	62.6	64.1	64.2	64.2	64.5	64.8	64.8	65.0	65.0	65.2	65.2
IV 4000	61.1	64.2	64.5	64.6	64.9	64.9	66.4	66.5	66.5	66.8	67.1	67.1	67.3	67.3	67.5	67.5
IV 3500	61.9	65.5	65.7	65.9	66.1	66.1	67.6	67.7	67.7	68.0	68.3	68.3	68.6	68.6	68.7	68.7
IV 3000	65.5	69.5	69.8	69.9	70.4	70.4	72.1	72.2	72.2	72.5	72.7	72.7	73.0	73.0	73.1	73.1
IV 2500	77.7	71.8	72.1	72.2	72.9	72.9	74.5	74.5	74.6	74.9	75.2	75.2	75.4	75.4	75.6	75.6
IV 2000	76.2	74.8	75.2	75.4	76.2	76.2	78.3	78.3	78.5	78.9	79.2	79.2	79.5	79.5	79.6	79.6
IV 1800	76.6	75.2	75.6	75.8	76.7	76.7	79.2	79.5	79.5	79.9	80.2	80.2	80.4	80.4	80.6	80.6
IV 1500	72.1	77.1	77.3	77.7	78.8	78.8	82.2	82.5	82.5	82.9	83.1	83.1	83.4	83.4	83.5	83.5
IV 1200	74.4	80.0	80.4	80.7	81.8	81.8	85.7	86.1	86.1	86.6	86.9	86.9	87.3	87.3	87.4	87.4
IV 1000	76.1	81.8	82.3	82.7	84.1	84.1	88.3	88.8	88.8	89.9	90.3	90.3	90.8	90.8	91.0	91.0
IV 900	76.7	82.3	82.9	83.3	84.8	84.8	88.8	89.3	89.5	90.4	91.1	91.1	91.6	91.6	91.8	91.8
IV 800	77.2	82.9	83.4	83.8	85.2	85.2	89.3	90.3	90.4	91.4	92.0	92.0	92.6	92.6	92.7	92.7
IV 700	77.3	83.4	83.9	84.3	85.7	85.7	89.9	90.8	91.0	92.3	93.0	93.0	93.5	93.5	93.7	93.7
IV 600	77.7	84.1	84.6	85.2	86.6	86.6	91.0	91.9	92.0	93.5	94.2	94.2	94.7	94.7	94.9	94.9
IV 500	77.7	84.1	84.6	85.2	86.6	86.6	91.0	91.9	92.0	93.8	94.5	94.5	95.4	95.4	95.5	95.5
IV 400	77.7	84.1	85.0	85.6	87.0	87.0	91.4	92.3	92.4	94.2	94.9	94.9	95.8	95.8	96.0	96.0
IV 300	77.7	84.1	85.4	86.0	87.4	87.4	92.0	93.0	93.1	94.9	95.7	95.7	96.6	96.6	97.0	97.0
IV 200	78.0	84.3	85.7	86.2	87.7	87.7	92.7	93.7	93.8	95.7	96.5	96.5	97.6	97.6	98.0	98.0
IV 100	78.0	84.3	85.7	86.2	87.7	87.7	92.7	93.7	93.8	95.8	96.8	96.8	97.8	97.8	98.2	98.7
IV 0	78.0	84.3	85.7	86.2	87.7	87.7	92.7	93.7	93.8	95.8	96.8	96.8	98.1	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

741

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25247 WILLIAMS LAFB, CALIF. 01-63

01-63

YEARS

CC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	31.2	32.0	32.2	32.3	33.0	33.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	34.2	34.2	34.6
≥ 20000	34.7	35.7	35.8	35.7	36.6	36.6	36.9	37.1	37.0	37.1	37.4	37.4	37.4	37.8	37.8	38.9
≥ 18000	35.1	35.9	36.1	36.2	36.9	36.9	37.1	37.3	37.3	37.4	37.4	37.7	37.7	38.1	38.1	39.2
≥ 16000	35.3	35.1	36.2	36.3	37.0	37.0	37.3	37.4	37.4	37.6	37.6	37.7	37.7	38.2	38.2	39.3
≥ 14000	36.3	37.1	37.3	37.4	38.1	38.1	38.4	38.5	38.5	38.6	38.9	38.9	39.3	39.3	39.3	40.4
≥ 12000	39.0	39.8	40.0	40.1	40.9	40.9	41.2	41.3	41.3	41.5	41.7	41.7	42.1	42.1	42.1	43.2
≥ 10000	43.8	44.4	44.5	44.7	45.5	45.5	46.0	46.2	46.2	46.3	46.6	46.6	47.0	47.0	47.5	48.0
≥ 9000	45.8	46.7	46.8	47.0	47.8	47.8	48.3	48.5	48.5	48.6	48.9	48.9	49.3	49.3	49.9	50.3
≥ 8000	48.5	49.4	49.5	49.7	50.5	50.5	51.0	51.1	51.1	51.3	51.5	51.5	52.0	52.0	52.5	53.0
≥ 7000	52.4	53.3	53.4	53.6	54.4	54.4	54.9	55.3	55.3	55.2	55.5	55.5	55.9	55.9	56.4	56.9
≥ 6000	54.5	55.5	55.6	55.7	56.5	56.5	57.1	57.2	57.2	57.3	57.6	57.6	58.0	58.0	58.5	59.1
≥ 5000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 4500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 4000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 3500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 3000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 2500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 2000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1800	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1200	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 1000	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 900	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 800	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 700	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 600	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 500	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 400	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 300	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 200	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 100	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8
≥ 0	57.1	58.1	58.2	58.4	59.2	59.2	59.8	59.9	59.9	60.0	60.3	60.3	60.7	60.7	61.2	61.8

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC

FORM 10-54

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER ENVIRONMENTAL

CEILING VERSUS VISIBILITY

25247
STATION

WILLIAMS LAKE F.C. INT. APT
STATION NAME

01-6-
YEAR

YEAR

10
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
TIME OF DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	26.1	25.3	26.5	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 20000	32.3	32.8	32.8	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	33.1	33.5	33.5	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 16000	33.4	33.5	34.5	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 14000	37.0	38.1	38.1	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	40.5	41.6	41.6	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 10000	48.2	48.9	48.9	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 9000	50.1	51.1	51.1	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	55.2	56.3	56.3	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	57.2	58.5	58.5	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 6000	58.5	59.9	59.9	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	61.2	62.6	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	61.2	62.6	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	65.7	67.3	67.3	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	66.2	67.8	67.8	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	71.2	73.2	73.2	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	72.5	74.8	74.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	75.4	78.1	78.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	75.4	78.1	78.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500	76.6	79.3	79.3	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1200	77.8	81.0	81.0	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	78.5	82.6	82.6	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 900	79.2	83.3	83.3	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	80.1	84.8	84.8	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	80.6	85.3	85.3	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	81.0	85.7	85.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 400	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 300	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 200	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 100	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 0	80.8	85.5	85.5	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8

TOTAL NUMBER OF OBSERVATIONS

741

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

22247
STATION

WILLIAMS LAKE R C DIST ART
STATION NAME

01-68
YEARS

YEARS

1.6
WINDS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	26.4	27.4	27.7	26.2	28.2	25.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	34.0	34.3	34.8	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 18000	34.3	35.1	35.4	35.7	35.7	35.9	35.9	35.7	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 16000	34.4	35.4	35.6	36.2	36.2	36.2	36.2	36.7	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 14000	37.4	37.9	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 12000	41.4	42.1	42.4	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 10000	50.1	50.7	51.3	51.6	51.6	51.6	51.6	52.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 9000	55.8	54.8	54.3	55.3	55.3	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 8000	57.2	58.0	58.4	59.0	59.0	59.0	59.2	59.7	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 7000	60.8	59.6	60.1	60.6	60.6	60.6	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 6000	60.0	60.3	60.9	61.4	61.4	61.4	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 5000	63.0	64.4	64.6	65.1	65.2	65.3	65.4	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4500	63.7	64.3	64.9	65.5	65.5	65.5	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4000	66.0	66.5	67.3	67.9	68.0	68.0	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3500	66.3	67.3	67.9	68.4	68.6	68.6	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 3000	71.4	72.7	73.3	73.8	74.8	74.8	75.0	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2500	72.0	74.3	75.6	76.1	77.1	77.1	77.3	77.7	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 2000	72.4	77.9	79.1	80.0	81.1	81.1	81.6	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 1800	73.7	79.1	79.4	80.3	81.4	81.4	81.9	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 1500	76.4	79.5	80.7	81.6	83.0	83.0	83.3	84.3	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9
IV 1200	77.4	81.0	82.3	83.4	84.8	84.8	85.4	86.5	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0
IV 1000	78.0	81.6	83.0	84.1	85.6	85.6	87.2	88.5	88.5	89.5	89.7	89.7	89.9	89.9	89.9	89.9
IV 900	78.9	82.7	84.1	85.3	86.9	86.9	88.7	90.0	90.0	91.2	91.5	91.5	91.6	91.6	91.6	91.6
IV 800	80.4	84.2	85.6	86.8	88.4	88.4	90.1	91.5	91.6	93.3	94.3	94.3	94.7	94.7	94.7	94.7
IV 700	83.8	86.7	88.2	89.4	89.1	89.1	90.8	92.2	92.3	93.9	95.3	95.3	95.8	95.8	95.8	95.8
IV 600	81.0	85.2	86.5	87.7	89.3	89.3	91.2	93.1	93.3	95.0	96.8	96.9	97.6	97.7	97.7	97.7
IV 500	81.2	85.4	86.9	88.1	89.9	89.9	91.9	93.5	93.7	95.5	97.3	97.4	98.2	98.5	98.5	98.5
IV 400	81.2	85.7	87.3	88.3	90.3	90.3	92.3	93.9	94.1	96.0	97.7	97.8	98.7	98.9	98.9	98.9
IV 300	81.2	85.7	87.3	88.3	90.3	90.3	92.3	93.9	94.1	96.0	97.7	97.8	98.7	98.9	98.9	98.9
IV 200	81.2	85.7	87.3	88.3	90.3	90.3	92.3	93.9	94.1	96.0	97.7	97.8	98.7	98.9	98.9	98.9
IV 100	81.2	85.7	87.3	88.3	90.3	90.3	92.3	93.9	94.1	96.0	97.7	97.8	98.7	98.9	98.9	98.9
IV 0	81.2	85.7	87.3	88.3	90.3	90.3	92.3	93.9	94.1	96.0	97.7	97.8	98.7	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

741

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
1111 EAST BROADWAY, 4C

CEILING VERSUS VISIBILITY

45847
STATION: ILLIAMS CRK. & G. AIRPORT

61-60

YEAR:

1966

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.1	≥.06	≥.0	≥.0
NO CEILING	25.2	25.3	25.6	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000	29.7	30.0	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 18000	29.7	30.0	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 16000	30.0	30.2	31.2	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	32.9	33.2	33.5	33.6	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	37.1	37.4	37.7	37.9	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 10000	44.7	45.3	45.7	46.0	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 9000	47.4	48.2	48.6	48.9	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 8000	52.8	53.7	54.1	54.4	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 7000	56.0	57.0	57.4	57.8	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 6000	57.6	58.5	59.0	59.2	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 5000	61.1	62.2	62.6	63.0	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	61.4	62.5	62.9	63.3	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	63.7	64.9	65.3	65.7	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	64.2	65.3	65.9	66.3	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3000	69.8	71.7	72.2	72.7	73.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	71.9	74.0	74.9	75.4	75.7	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	74.1	76.8	76.3	79.6	80.3	80.7	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	74.4	77.2	76.7	80.0	80.7	81.2	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	75.6	76.8	80.4	82.2	82.9	83.5	84.3	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	77.3	80.8	82.6	84.8	85.7	86.4	87.4	87.4	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	77.7	81.4	83.1	85.3	86.3	87.3	88.6	89.3	89.5	90.3	90.4	90.4	90.4	90.6	90.7	90.7
≥ 900	78.0	81.6	83.4	85.6	86.7	87.7	89.2	89.9	89.9	91.4	91.6	91.6	91.6	91.8	91.9	91.9
≥ 800	78.5	82.2	84.1	86.2	87.6	88.4	89.9	91.3	91.0	92.4	93.3	93.3	93.3	93.8	93.9	93.9
≥ 700	78.7	82.3	84.2	86.4	87.7	88.5	90.0	91.1	91.1	92.7	93.9	93.9	93.9	94.6	94.7	94.7
≥ 600	78.8	82.7	84.6	86.8	88.3	89.2	90.8	91.7	91.9	93.7	94.9	95.3	95.3	95.6	96.0	96.0
≥ 500	78.8	82.9	85.0	87.0	88.7	89.6	91.3	92.6	92.6	94.3	95.7	95.8	95.8	97.4	97.7	97.7
≥ 400	78.8	82.9	85.0	87.0	88.9	89.9	91.9	93.0	93.0	94.9	96.1	96.4	96.4	98.1	98.4	98.4
≥ 300	78.8	82.9	85.0	87.0	88.7	89.9	92.0	93.1	93.1	95.3	96.6	96.9	96.9	98.9	99.3	99.3
≥ 200	78.8	82.9	85.0	87.0	88.9	89.9	92.4	93.7	93.5	95.7	97.0	97.3	97.3	99.2	99.7	99.9
≥ 100	78.8	82.9	85.0	87.0	88.7	89.9	92.4	93.3	93.3	95.7	97.0	97.3	97.3	99.2	99.7	99.9
≥ 0	78.8	82.9	85.0	87.0	88.7	89.9	92.4	93.3	93.3	95.7	97.0	97.3	97.3	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

741

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT EX - FIVE/140

CEILING VERSUS VISIBILITY

5247 WILLIAMS LAKE C. DET. APT

61-03

YEAR

IC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	10.4	30.0	30.1	30.2	30.2	30.2	31.0	31.2	31.2	31.4	31.6	31.6	31.6	31.6	32.1	32.5
≥ 20000	12.7	33.7	33.9	34.3	34.7	34.7	34.9	35.3	35.0	35.2	35.4	35.4	35.6	35.6	35.6	36.3
IV 18000	12.4	34.0	34.1	34.5	35.0	35.0	35.1	35.2	35.2	35.5	35.5	35.5	35.9	35.9	36.2	36.5
IV 16000	12.3	34.4	34.5	35.0	35.4	35.4	35.5	35.6	35.6	35.9	36.0	36.0	36.2	36.2	36.5	37.0
IV 14000	12.1	36.4	36.6	37.0	37.4	37.4	37.5	37.7	37.7	37.9	38.1	38.1	38.3	38.3	38.5	39.0
IV 12000	11.4	38.7	39.0	39.4	39.8	39.8	39.9	40.1	40.1	40.4	40.5	40.5	40.8	40.8	41.0	41.4
IV 10000	11.4	45.4	45.7	47.1	47.5	47.5	47.5	47.8	47.8	48.0	48.2	48.2	48.4	48.4	48.7	49.1
IV 9000	10.3	47.8	48.0	48.4	48.8	48.9	49.0	49.1	49.1	49.4	49.5	49.5	49.8	49.8	50.1	50.5
IV 8000	10.3	52.2	52.5	53.9	53.4	53.4	53.5	53.7	53.7	54.0	54.1	54.1	54.4	54.4	54.7	55.1
IV 7000	10.7	56.5	57.1	57.0	58.2	58.2	58.3	58.4	58.4	58.7	58.8	58.8	59.1	59.1	59.4	59.8
IV 6000	10.3	58.4	58.7	59.2	59.9	59.9	60.1	60.2	60.2	60.5	60.6	60.6	60.9	60.9	61.1	61.4
IV 5000	10.0	62.5	62.8	63.6	64.2	64.2	64.4	64.5	64.5	64.8	64.9	64.9	65.2	65.2	65.5	65.9
IV 4500	10.3	63.0	63.4	64.1	64.8	64.8	64.9	65.1	65.0	65.3	65.5	65.5	65.7	65.7	66.0	66.4
IV 4000	10.3	65.5	65.9	66.7	67.3	67.3	67.5	67.6	67.7	68.0	68.2	68.2	68.4	68.4	68.7	69.1
IV 3500	12.0	65.9	66.3	67.1	68.0	68.2	68.3	68.4	68.4	68.7	68.8	68.8	69.1	69.1	69.4	69.8
IV 3000	12.5	69.2	69.5	70.9	72.1	72.7	73.0	73.1	73.1	73.4	73.5	73.5	73.8	73.8	74.1	74.5
IV 2500	17.2	71.4	72.2	73.1	74.5	75.2	75.4	75.6	75.6	75.8	76.0	76.0	76.2	76.2	76.5	76.9
IV 2000	19.0	73.5	74.4	75.3	76.8	77.5	77.9	78.0	78.0	78.4	78.5	78.5	78.8	78.8	79.1	79.5
IV 1800	19.2	74.3	74.9	75.2	77.7	78.4	78.9	79.1	79.1	79.5	79.6	79.6	79.9	79.9	80.2	80.6
IV 1500	20.3	75.2	76.1	77.5	79.5	80.2	81.0	81.1	81.1	81.5	81.6	81.6	82.1	82.1	82.5	82.9
IV 1200	22.3	77.9	78.5	80.3	82.3	83.0	84.3	84.6	84.6	85.0	85.2	85.2	85.6	85.6	85.9	86.2
IV 1000	24.0	80.2	81.2	83.0	85.3	86.0	87.0	88.5	88.5	89.6	90.1	90.1	90.6	90.6	90.9	91.2
IV 900	24.0	80.2	81.2	83.0	85.4	86.1	87.7	88.7	88.8	90.6	91.1	91.1	91.5	91.5	91.8	92.2
IV 800	24.1	80.4	81.5	81.3	85.8	86.6	88.3	89.9	89.6	91.9	92.6	92.6	93.0	93.1	93.4	93.8
IV 700	24.1	80.8	81.0	83.4	86.0	86.9	88.3	89.7	89.9	92.2	93.1	93.3	93.7	93.8	94.1	94.5
IV 600	24.1	80.7	81.8	83.5	86.1	87.0	88.8	90.0	90.1	92.4	93.8	93.9	94.5	94.6	94.9	95.3
IV 500	24.1	80.7	81.8	83.5	86.2	87.2	89.2	90.4	90.6	93.0	94.5	94.6	95.4	95.5	96.0	96.4
IV 400	24.1	81.0	82.2	83.9	87.0	88.0	90.1	91.4	91.5	94.2	95.7	95.8	96.6	96.9	97.0	97.4
IV 300	24.2	81.1	82.3	84.1	87.3	88.4	90.6	92.3	92.2	94.9	96.4	96.5	97.4	97.7	98.1	98.5
IV 200	24.2	81.2	82.5	84.2	87.4	88.5	91.1	92.3	92.4	95.1	96.8	96.9	97.8	98.1	98.9	99.3
IV 100	24.2	81.2	82.5	84.3	87.6	88.7	91.2	92.6	92.6	95.3	96.9	97.0	98.0	98.2	99.1	99.5
IV 0	24.2	81.2	82.5	84.3	87.7	88.7	91.2	92.6	92.6	95.3	96.9	97.0	98.1	98.4	99.2	100.0

TOTAL: NUMBER OF OBSERVATIONS

731

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1940. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	2
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247 WILLIAMS LAKE B C OUT APT
STATION STATION NAME

61-60

PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	8.8	4.4	5.9	3.3	2.5	2.5	2.8	3.6	7.1	15.6	45.6	7.4	5952
FEB		13.0	5.8	4.7	4.1	3.9	3.3	3.4	5.4	7.8	15.1	33.5	6.5	5424
MAR		13.0	7.2	6.5	4.5	3.3	3.3	4.2	5.5	7.0	14.8	28.3	6.1	5952
APR		7.9	6.5	5.5	5.0	4.8	4.7	4.2	6.6	9.3	15.9	30.4	6.6	5757
MAY		8.7	7.6	5.9	5.3	4.2	4.0	5.0	7.4	11.6	18.4	21.9	6.3	5951
JUN		4.2	9.2	8.2	6.7	5.6	5.3	6.3	8.2	11.7	17.9	16.5	6.1	5758
JUL		6.7	10.1	8.1	6.6	5.4	5.6	6.4	8.4	11.1	17.7	14.0	5.8	5951
AUG		10.1	11.1	8.0	6.1	5.2	5.0	5.0	7.5	9.6	16.7	16.0	5.6	5951
SEP		15.4	8.3	5.7	4.8	3.8	3.3	3.6	6.1	9.2	16.7	23.2	5.9	5760
OCT		7.5	5.0	5.7	4.6	3.8	3.4	3.9	5.3	8.2	17.9	34.6	7.0	5952
NOV		6.1	5.4	5.3	4.0	3.2	3.4	3.6	5.1	7.8	14.4	39.2	7.0	5760
DEC		8.0	4.6	4.4	4.0	3.2	3.0	2.9	4.7	7.3	13.2	44.8	7.3	5932
TOTALS		9.4	7.1	6.0	5.0	4.1	3.8	4.3	6.2	9.1	16.2	29.0	6.5	70100

USAF ETAC

FORM
JUL 64

0-9-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

25247	WILLIAMS LAKE B C DNT APT	61-69	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	15.2	4.7	4.2	2.4	2.4	3.0	3.0	3.0	5.5	7.4	49.3	6.9	744
	03-05	12.6	4.2	3.2	3.0	3.4	2.2	1.5	3.0	5.1	9.5	52.2	7.2	744
	06-08	5.8	4.7	2.8	3.2	2.4	2.0	2.4	4.3	6.3	12.4	53.1	7.8	744
	09-11	3.5	3.6	2.8	3.0	1.5	1.4	2.6	3.0	7.8	24.5	46.1	8.1	744
	12-14	3.0	4.2	4.6	2.6	2.2	3.4	3.2	3.9	8.7	25.4	39.0	7.8	744
	15-17	4.0	4.8	3.6	4.3	1.5	2.6	3.8	4.4	10.2	26.3	34.4	7.6	744
	18-20	11.5	5.2	6.2	4.0	3.1	2.8	2.6	3.4	7.1	10.9	43.4	6.8	744
	21-23	15.1	3.5	3.8	4.0	3.5	2.4	3.1	4.0	6.2	7.4	47.0	6.8	744
TOTALS		8.8	4.4	3.9	3.3	2.5	2.3	2.8	3.6	7.1	15.6	45.6	7.4	5952

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

25247 WILLIAMS LAKE B C OUT APT
STATION STATION NAME

61-68

FEB
MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL OF 85.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	23.4	6.9	4.0	3.1	2.9	4.0	1.9	3.8	3.4	6.3	39.7	5.8	678
	03-05	23.0	4.0	3.8	4.1	4.0	2.7	2.7	4.9	5.0	6.9	38.9	6.0	678
	06-08	9.0	8.3	4.9	4.7	4.0	3.5	2.7	4.4	4.4	13.3	36.9	6.7	678
	09-11	6.0	6.2	5.5	3.4	4.1	2.8	3.1	6.3	9.1	22.6	30.4	6.7	678
	12-14	5.3	4.9	3.5	5.0	4.9	2.9	4.9	6.6	9.3	23.9	28.6	7.1	678
	15-17	4.6	5.6	4.7	3.4	4.0	2.7	3.2	6.6	13.1	24.6	27.4	7.2	678
	18-20	10.2	5.9	6.5	5.0	2.9	3.5	4.4	6.2	9.1	14.6	31.3	6.5	678
	21-23	21.4	4.6	4.3	4.0	4.7	4.4	4.6	4.1	5.0	8.6	34.4	5.8	678
				</										

USAF ETAC FORM 0 9.5 (OLI) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-64

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	28.2	9.1	6.5	4.0	3.4	3.6	3.4	3.0	5.4	5.2	28.2	4.8	744
	03-05	23.0	7.6	6.6	4.2	2.6	3.1	3.2	4.3	6.3	6.6	32.4	5.4	744
	06-08	6.9	6.9	6.7	5.1	2.3	3.2	4.0	7.5	9.5	18.5	29.3	6.7	744
	09-11	6.3	6.3	5.0	3.4	3.0	2.2	4.7	4.6	12.9	22.0	29.7	7.1	744
	12-14	4.4	6.9	5.5	2.7	2.6	3.9	4.6	6.9	13.6	20.2	28.9	7.1	744
	15-17	5.1	5.4	3.5	3.8	3.4	3.9	5.5	6.7	11.2	22.8	28.8	7.2	744
	18-20	8.7	7.9	8.2	7.5	5.8	3.6	4.6	7.0	7.5	14.5	24.6	6.0	744
	21-23	26.2	7.3	9.7	5.5	3.1	3.2	3.2	3.6	5.2	8.2	24.7	4.8	744
TOTALS		13.6	7.2	6.5	4.5	3.3	3.3	4.2	5.5	9.0	14.8	28.3	6.1	5932

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

25247	WILLIAMS LAKE R C OUT APT
STATION	STATION NAME

61-68

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	21.4	7.1	6.8	3.6	3.0	2.4	4.7	4.0	5.7	6.0	34.2	5.6	720
	03-05	13.3	8.6	7.1	4.4	5.7	4.0	2.8	2.5	6.3	10.7	34.6	6.1	720
	06-08	5.4	8.1	5.4	5.1	4.3	3.2	3.2	6.7	8.3	19.6	30.7	6.8	720
	09-11	2.1	7.2	3.5	6.3	5.4	4.3	4.0	6.3	11.5	18.5	30.9	7.1	719
	12-14	1.1	4.2	4.7	3.6	4.3	3.6	4.5	9.2	13.2	19.6	31.9	7.5	718
	15-17	.4	2.8	4.3	4.6	3.8	4.9	5.7	10.8	12.8	23.8	26.3	7.5	720
	18-20	4.4	6.0	5.3	4.9	5.6	6.5	4.7	8.5	10.6	19.2	26.0	6.9	720
	21-23	16.4	7.4	6.5	7.8	5.4	3.2	3.8	4.9	5.8	9.7	28.6	5.6	720

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	25.3	7.4	6.2	5.8	4.7	2.7	4.0	5.6	6.7	7.4	24.2	5.0	744
	03-05	11.7	11.6	6.7	8.1	4.0	4.3	3.5	4.0	7.3	14.8	24.1	5.7	744
	06-08	10.5	5.6	6.6	6.3	4.3	3.0	4.4	6.0	10.5	20.4	22.3	6.3	744
	09-11	5.6	6.3	6.2	4.6	4.0	4.8	4.7	8.6	14.2	13.4	21.5	6.6	744
	12-14	1.6	5.8	3.8	4.3	2.7	3.8	5.2	9.4	15.9	26.0	21.5	7.3	743
	15-17	1.5	5.5	3.4	1.7	3.2	3.6	5.1	12.1	15.5	27.2	21.2	7.4	744
	18-20	2.6	6.0	5.6	6.3	4.7	5.8	7.3	8.7	14.5	19.1	19.1	6.7	744
	21-23	10.6	12.4	8.6	5.5	6.2	4.3	5.5	5.0	7.8	12.9	21.1	5.5	744

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247	WILLIAMS LAKE B C DIST APT
STATION	STATION NAME

61-68

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JULY	00-02	12.1	19.2	7.5	6.5	5.6	4.3	5.1	5.8	6.5	8.5	18.9	4.9	720
	03-05	6.5	12.4	10.1	7.8	5.7	4.6	6.9	7.9	8.9	14.3	16.8	5.6	720
	06-08	6.4	10.3	10.3	6.7	4.0	4.2	4.2	7.4	9.0	21.0	16.7	5.9	720
	09-11	3.5	7.4	9.6	6.7	4.7	4.9	7.6	7.2	11.3	22.1	15.1	6.3	720
	12-14	1.0	2.6	6.0	5.4	5.3	6.7	6.7	11.0	18.7	22.6	14.1	7.0	718
	15-17	.3	3.2	4.9	4.7	5.3	8.6	6.7	9.7	16.3	25.0	15.4	7.1	720
	18-20	1.0	6.5	7.2	7.9	5.7	6.4	6.4	9.0	14.4	17.4	18.1	6.5	720
	21-23	5.1	11.9	10.3	7.5	8.5	5.0	6.5	7.8	8.3	12.1	16.9	5.5	720
TOTALS		4.5	9.2	8.2	6.7	5.6	5.3	6.3	8.2	11.7	17.9	16.5	6.1	5738

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

JUL
MONTH

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	18.7	12.5	10.5	6.3	5.1	4.4	4.8	6.3	5.5	7.8	18.0	4.6	744
	03-05	7.4	15.9	9.0	7.5	5.4	3.6	3.8	7.1	8.9	14.4	17.1	5.4	744
	06-08	6.7	10.2	12.1	7.1	4.4	4.6	4.2	5.9	9.1	19.9	15.7	5.7	744
	09-11	4.3	11.6	8.2	7.0	6.7	6.3	5.6	7.5	12.1	18.4	12.4	5.8	744
	12-14	1.9	7.3	6.7	6.3	3.8	7.7	12.2	9.9	15.2	19.2	9.8	6.3	744
	15-17	1.1	5.4	5.2	5.1	5.5	6.9	10.0	11.3	14.7	23.3	11.6	6.7	743
	18-20	3.0	7.7	5.2	6.2	5.6	5.2	5.2	11.6	14.5	23.7	11.3	6.4	744
	21-23	9.7	10.1	7.8	7.0	7.0	5.9	5.6	7.3	9.1	14.7	15.9	5.5	744
TOTALS		6.7	10.1	8.1	6.6	5.4	5.6	6.4	8.4	11.1	17.7	14.0	5.8	5951

SKY COVER

79247	WILLIAMS LAKE B C DOT APT
STATION	STATION NAME

61-68

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	27.0	11.2	7.8	7.1	6.6	3.0	3.2	4.6	5.8	5.9	17.9	4.2	744
	03-05	17.2	12.8	10.1	5.9	4.0	3.5	4.0	5.0	5.8	12.4	19.4	4.9	744
	06-08	7.4	12.8	8.6	6.5	4.7	3.0	4.4	4.8	7.8	19.8	18.3	5.8	744
	09-11	4.8	10.8	9.4	6.3	3.4	3.0	5.0	8.6	10.1	21.7	14.9	6.0	743
	12-14	2.4	6.9	7.8	6.3	5.9	6.5	6.9	10.9	13.8	20.2	12.6	6.3	744
	15-17	2.0	7.1	5.4	5.5	5.9	6.2	7.9	10.5	12.0	24.5	13.0	6.6	744
	18-20	4.2	12.8	6.9	5.4	4.6	3.2	4.7	8.1	13.6	19.4	15.3	6.1	744
	21-23	15.5	14.2	7.9	5.4	6.2	3.6	3.5	7.4	8.1	9.4	16.3	4.9	744
TOTALS		10.1	11.1	8.0	6.1	5.2	3.0	3.0	7.5	9.6	16.7	16.0	5.6	5951

SKY COVER

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-60

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	31.8	5.8	5.1	3.1	3.6	2.4	1.7	4.3	7.4	7.8	27.1	4.9	720
	03-05	26.1	8.1	4.6	5.4	3.1	3.1	1.5	3.6	7.4	9.7	27.5	5.2	720
	06-08	8.5	10.1	6.7	5.3	3.8	2.8	2.9	4.4	8.3	22.1	25.1	6.3	720
	09-11	8.2	7.6	7.8	5.1	2.9	3.2	4.2	7.5	12.6	19.7	21.1	6.3	720
	12-14	6.4	7.9	5.8	4.6	3.6	4.4	5.1	10.4	10.3	22.8	18.6	6.5	720
	15-17	6.3	6.8	4.4	3.9	3.3	3.9	5.1	6.1	13.6	24.7	19.9	6.7	720
	18-20	10.8	9.6	6.1	5.6	4.7	4.4	5.0	7.9	9.4	17.1	19.3	5.9	720
	21-23	24.9	10.6	5.3	5.1	3.3	2.2	2.9	4.7	4.9	9.3	26.8	5.0	720
TOTALS		15.4	8.3	5.7	4.8	3.8	3.3	3.6	6.1	9.2	16.7	23.2	5.9	5760

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25247
STATION

WILLIAMS LAKE B C OUT APT
STATION NAME

61-62

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
CT	00-02	17.2	6.6	6.0	2.8	4.0	4.3	2.8	3.6	6.2	7.8	38.6	6.1	744
	03-05	15.6	5.4	6.5	3.9	3.0	1.9	2.7	3.8	5.5	10.2	41.0	6.4	744
	06-08	1.6	6.9	6.0	4.7	2.8	3.8	3.8	5.8	7.9	22.6	34.1	7.3	744
	09-11	1.2	4.8	6.3	3.8	4.7	3.2	2.8	5.9	11.2	25.5	30.5	7.5	744
	12-14	1.1	2.3	3.8	5.6	3.9	4.6	5.2	7.3	10.1	26.9	29.3	7.6	744
	15-17	.9	2.6	3.2	5.9	4.0	3.2	5.8	6.2	11.0	27.7	29.4	7.7	744
	18-20	6.6	5.8	7.8	4.8	3.5	3.8	4.6	5.4	8.6	15.2	34.0	6.8	744
	21-23	15.5	5.9	6.0	5.6	3.5	2.6	3.5	4.7	5.2	7.4	40.1	6.2	744
TOTALS		7.5	5.0	5.7	4.6	3.8	3.4	3.9	5.3	8.2	17.9	34.6	7.0	5852

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

NLV
MONTH

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JULY	00-02	16.4	3.6	5.3	5.1	3.2	3.2	2.2	4.7	6.7	8.8	40.8	6.5	720
	03-05	14.4	6.5	5.0	4.6	2.1	3.3	2.9	5.0	5.3	6.8	43.6	6.5	720
	06-08	3.2	5.8	7.8	3.9	4.2	3.9	4.4	4.9	5.8	13.9	41.5	7.2	720
	09-11	1.5	6.3	3.9	3.1	2.8	3.1	4.0	4.9	9.6	24.0	36.9	7.7	720
	12-14	1.0	5.6	3.5	4.0	3.3	3.6	5.0	4.4	11.5	23.3	34.7	7.7	720
	15-17	1.8	5.3	5.4	5.1	3.2	4.4	3.5	7.4	10.3	22.9	30.7	7.3	720
	18-20	10.0	6.8	7.2	6.1	3.4	2.8	2.8	4.7	7.2	8.2	40.3	6.5	720
	21-23	15.3	3.5	4.3	5.0	3.2	2.8	3.3	4.4	6.3	7.1	44.7	6.7	720
TOTALS		8.1	5.4	5.3	4.6	3.2	3.4	3.6	5.1	7.8	14.4	39.2	7.0	5760

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-62

PERIOD

0.5
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
EC	00-02	13.8	5.7	5.4	3.1	3.1	2.4	3.4	3.8	4.9	7.7	46.8	6.7	741
	03-05	15.9	4.5	5.0	3.5	2.6	3.2	2.6	4.0	5.0	5.7	48.0	6.7	741
	06-08	6.7	6.5	5.2	5.1	3.4	3.1	3.1	5.1	5.8	11.0	45.0	7.1	743
	09-11	2.4	4.9	3.8	2.7	3.0	3.0	3.0	7.0	9.7	21.7	38.0	7.6	743
	12-14	2.3	4.2	3.5	3.2	3.4	3.6	2.3	4.6	10.3	21.5	41.2	7.9	741
	15-17	2.1	2.0	3.4	5.3	2.6	3.1	2.3	4.0	10.8	21.3	41.7	7.9	741
	18-20	4.0	3.1	4.3	4.9	3.0	2.0	3.2	5.4	5.8	8.8	50.9	7.4	741
	21-23	11.1	5.3	4.9	4.2	3.5	3.2	3.4	4.0	5.8	8.0	46.0	6.8	741

DATA PROCESSING DIVISION
FMSO/OSM
AIR WEATHER SERVICE (MAG)
ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Means are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 1/2 inches spaced horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sum of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

PSYCHROMETRIC SUMMARY

61-68

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STATION NAME

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PSYCHROMETRIC SUMMARY

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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0-26-5 (OL A)
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HOURS (S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-68

STATION

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PAGE 2

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RS 5, 7.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-6/-7	.2	.1																13	13	13	49																
-8/-9	.1	.1																10	10	11	45																
-10/-11	.1	.0																10	10	12	27																
-12/-13	.0	.0																3	3	4	36																
-14/-15	.0	.0																3	3	2	30																
-16/-17	.0																	2	2	3	13																
-18/-19																					10																
-20/-21	.0																	2	2	2	11																
-22/-23																					5																
-24/-25																					6																
TOTAL	12.0	31.1	24.9	14.3	8.6	5.5	2.8	.7	.1									5948	5957	5948	5948																

YEARS

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USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

44

STATION

STATION NAME

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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0-26-5 (OL A)
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HOURS (L.S.T.)

USAFETAC FORM 0-26-5 (O LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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HOURS (L, S, T,)

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PSYCHROMETRIC SUMMARY

YEARS

MONTH

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HOURS 11-5 T.V.

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point							
86/ 85														.1	.0			4	4									
84/ 83														.1				9	9									
82/ 81											.0		.1					8	8									
80/ 79									.0	.0	.0	.1	.0					11	11									
78/ 77								.0	.1	.2	.1	.1						28	28									
76/ 75						.0	.0	.1	.2	.3	.3	.1	.0					49	49									
74/ 73						.0	.1	.0	.2	.3	.2	.1	.0					54	54									
72/ 71					.0	.0	.1	.2	.3	.4	.2	.1						78	78									
70/ 59					.1	.0	.1	.3	.4	.3	.1	.0						79	79									
68/ 67				.1	.1	.1	.2	.3	.6	.5	.1							109	109									
66/ 65			.0	.1	.2	.3	.5	.6	.8	.2	.1							156	156	1								
64/ 63		.0	.1	.1	.2	.6	.7	1.1	.4	.1								193	193	7								
62/ 61		.0	.2	.2	.4	.9	1.2	.8	.2	.0								225	225	28								
60/ 59	.0	.1	.2	.6	1.0	1.1	1.5	.6	.2	.0								304	304	69	12							
58/ 57	.0	.1	.4	.9	1.4	1.6	1.1	.6	.1									362	362	123	14							
56/ 55	.1	.5	.6	.9	1.2	1.4	.8	.3										337	337	159	53							
54/ 53	.2	.7	1.5	.9	2.0	1.1	.7	.2	.0									420	420	286	67							
52/ 51	.1	1.5	1.0	2.1	1.9	.8	.3	.0										443	443	452	106							
50/ 49	.5	2.0	1.5	1.8	1.1	.5	.2	.1										438	438	615	220							
48/ 47	.6	2.3	2.0	1.5	1.1	.4	.1											464	464	633	406							
46/ 45	.8	2.4	2.0	1.7	.6	.2												447	447	743	425							
44/ 43	.6	2.5	1.6	.8	.5	.0												348	348	587	477							
42/ 41	.6	2.5	1.6	.5	.3	.1												320	320	554	644							
40/ 39	.7	2.2	1.3	.3	.1													264	264	475	706							
38/ 37	.6	1.8	.9	.3	.0													201	201	347	657							
36/ 35	.5	1.6	.4	.2														153	153	264	535							
34/ 33	.3	1.0	.3															91	91	162	432							
32/ 31	.3	.7	.2															67	67	116	369							
30/ 29	.1	.5	.2															43	43	53	234							
28/ 27	.1	.3	.0															27	27	42	146							
26/ 25	.2	.2				</																						

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE H C DUT APT
STATION	STATION NAME

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STATION NAME

YEARS

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HOURS - L. S. T.

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DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE E C OUT APT

61-68

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
74/ 73										.0									1	1							
72/ 71										.0									2	2							
70/ 69										.1									9	9							
68/ 67										.1									9	9							
66/ 65						.0	.2	.2	.2										29	29							
64/ 63						.1	.2	.2	.1										34	34							
62/ 61				.0	.0	.4	.3	.3	.0										61	61							
60/ 59					.2	.6	.4	.0	.1										80	80							
58/ 57				.1	.7	.9	.4	.2	.0										137	137	2						
56/ 55			.0	.5	1.1	.9	.5	.2	.1										191	191	16						
54/ 53			.3	.6	1.0	1.0	.3	.2											203	203	23						
52/ 51		.1	.9	1.4	1.4	.7	.4	.1											272	272	86						
50/ 49	.0	.3	.7	1.7	1.6	.7	.4												326	326	193						
48/ 47	.1	.6	1.4	1.6	1.4	.7	.1	.0											348	348	245						
46/ 45	.3	1.2	1.9	2.0	1.4	.6	.1	.0											447	447	386						
44/ 43	.4	1.4	1.7	2.1	1.3	.5	.0												447	447	454						
42/ 41	.6	2.1	2.2	2.4	1.3	.2	.1												529	529	503						
40/ 39	1.1	2.6	2.3	1.9	.9	.1													529	529	605						
38/ 37	1.3	2.8	2.8	1.8	.4														537	537	663						
36/ 35	1.5	2.9	2.8	.8	.1														475	475	693						
34/ 33	1.6	3.2	1.6	.3	.0														402	402	573						
32/ 31	2.5	2.9	.7	.1															362	362	700						
30/ 29	1.2	1.6	.5	.1															199	199	349						
28/ 27	.8	1.0	.3	.0															131	131	186						
26/ 25	.4	.8	.1																75	75	106						
24/ 23	.2	1.0	.2																78	78	74						
22/ 21	.1	.3	.0																20	20	60						
20/ 19	.1	.2																	17	17	25						
18/ 17	.0																		2	2	8						
16/ 15																											
14/ 13																											
12/ 11																											
10/ 9																											
4/ 3																											
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C DUT APT
STATION	STATION NAME

61-68

267

STATION

STATION NAME

YEARS

MONTH

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HOURS: 9 A.M. - 5 P.M.

PSYCHROMETRIC SUMMARY

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PAGE 2

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NO. 85 5 3 1

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
12/-13	.0																	1	1	1	10
14/-15	.1																	4	4	4	8
16/-17	.0																	1	1	1	7
20/-21																					2
22/-23																					1
TOTAL	10.4	38.7	18.0	8.9	3.2	.7	.1	.0										5760	5760	5760	5760

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	38323086	463456	80.5	13.392	5760	$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$> 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	Total
Dry Bulb	5118131	159337	27.7	11.107	5760	20.5	465.1					720
Wet Bulb	4375931	148103	25.7	9.930	5760	21.4	594.4					720
Dew Point	3395966	126888	22.0	10.213	5760	41.7	649.4					720

PSYCHROMETRIC SUMMARY

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WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SU--ETC
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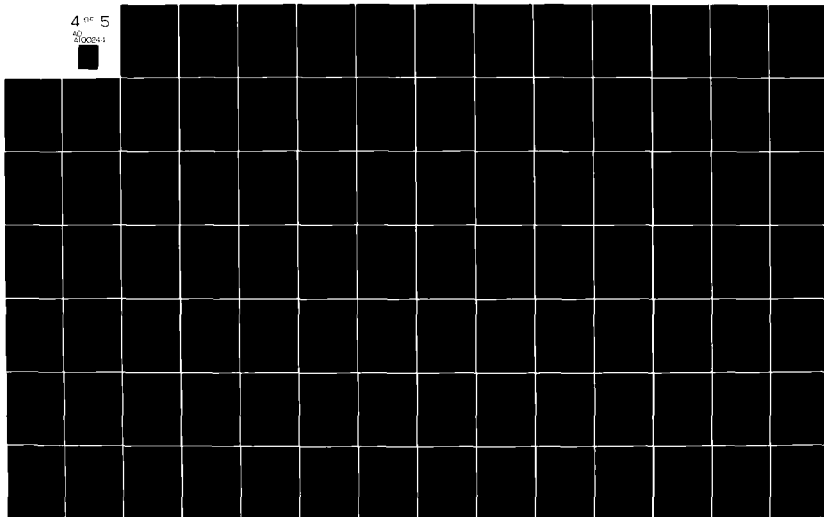
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PSYCHROMETRIC SUMMARY

61-68

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PAGE 2

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MO:RS : S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-20/-21	.5	.0																29	29	32	43														
-22/-23	.3	.0																16	16	15	27														
-24/-25	.2	.0																12	12	13	15														
-26/-27	.4																	26	26	26	17														
-28/-29	.2	.0																15	15	14	31														
-30/-31	.2																	10	10	11	8														
-32/-33	.1																	6	7	6	32														
-34/-35	.1																	7	7	7	18														
-36/-37																																			
-38/-39																																			
-40/-41																																			
-42/-43																																			
-44/-45																																			
-46/-47																																			
TOTAL	44.4	40.0	12.1	2.9	.4	.2												5900	5932	5900	5900														

PSYCHROMETRIC SUMMARY

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STATION NAME

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HOURS	1	5	10
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PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

YEARS

MONTH

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0000-0200

HOURS 11 A.M. TO 1 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-22/-23	.3																	2	2	2	9															
-24/-25	.5																	4	4	4	4															
-26/-27	.3																	2	2	2	3															
-28/-29	.3																	2	2	2	2															
-30/-31	.1																	1	1	1	4															
-32/-33																					2															
-36/-37																					1															
-38/-39																					1															
TOTAL	50.3	33.9	13.3	2.0	.3													744	744	744	744															

Element (X)	Z _{x'}	Z _x	R	%	No. Obs.	Mean No. of Hours with Temperature						
						0 F	32 F	67 F	73 F	80 F	93 F	Total
Rel Hum	5099221	61211	82.3	9.224	744							
Dry Bulb	388324	12036	16.2	16.143	744	17.0	80.1					93
Wet Bulb	343634	11266	13.1	15.261	744	17.1	84.1					93
Dew Point	283919	8593	11.6	15.763	744	22.6	90.4					93

USAFETAC FORM 0.26.5 (OL A) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

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JAN
MONTH

PAGE 2 0600-0800
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
24/-25	.1																	5	5	5	8											
26/-27	.1																	1	1	1	4											
28/-29	.1																	1	1	1	6											
30/-31																					3											
32/-33																					1											
TOTAL	1.3	35.3	11.0	1.0	.3													744	744	744	744											
																						744	744	744	744							

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

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JAN

PAGE 1 0900-1100

HOURS (L, S, T):

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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DATA PROCESSING DIVISION
USAF ETA
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE 8 C HHT APT
STATION STATION NAME

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YEARS

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MONTH

PAGE 2 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-14/-13	.3	.3																4	4	7	12														
-16/-17	.7	.1																6	6	5	6														
-18/-19	.5																	4	4	3	2														
-20/-21	.7																	3	5	5	8														
-22/-23																					9														
-24/-25																					4														
-26/-27																					7														
-28/-29																					1														
TOTAL	18.5	43.4	18.3	6.3	2.8	.5	.1											744	744	744	744														
																						744	744	744	744										

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4426831	56729	76.2	11.678	744	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	93
Dry Bulb	501983	13523	20.9	15.483	744	10.8	70.4					93
Wet Bulb	420080	14168	19.0	14.222	744	11.3	78.9					93
Dew Point	320371	10631	14.3	15.058	744	19.1	89.6					93

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

2524 WILLIAMS LAKE B G DUT APT

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MONTH

PAGE 1 1500-1700

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb Wet Bulb Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JAN

HQ AS S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
-14/-15	.4																	6	6	6	7													
-16/-17	.4	.1																4	4	3	7													
-18/-19	.8																	6	6	7	1													
-20/-21	.4																	3	3	3	11													
-22/-23	.3																	2	2	2	6													
-24/-25																					5													
-26/-27																					4													
-28/-29																					2													
-30/-31																					1													
TOTAL	28.8	46.9	14.1	6.0	3.1	1.1													744	744	744													
																			744	744														
											</																							

PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1400-2000

HOURS 9-10

[illegible]

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-68

JAN

PAGE 2 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-20/-21	0.9																	7	7	7	3														
-22/-23	0.8																	6	6	6	8														
-24/-25	0.4																	3	3	3	4														
-26/-27																					5														
-28/-29																					7														
-30/-31																					4														
TOTAL	46.1	37.5	8.7	6.0	1.6														744	744	744														

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAT
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DDT APT

61-68

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURLY U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
48/ 47						.3												2	2																
46/ 45			.3															2	2																
44/ 43				.3	1.1		.1											11	11																
42/ 41				.3	1.5													17	17	2															
40/ 39				.3	.4													10	10	4	2														
38/ 37		.1	1.7	.3														16	16	20															
36/ 35		1.3	.7	.5														19	19	25	4														
34/ 33	.1	2.3	1.3	.8														34	34	20	16														
32/ 31	1.3	4.3	.4	.4														52	52	42	42														
30/ 29	1.2	3.1	1.1	.1														41	41	53	37														
28/ 27	1.5	3.5	1.1															45	45	48	44														
26/ 25	1.7	3.8	.8															47	47	48	42														
24/ 23	2.2	3.5	.4															45	45	60	42														
22/ 21	2.4	2.8																39	39	39	52														
20/ 19	3.4	.5																29	29	45	55														
18/ 17	1.5	1.1																19	19	18	41														
16/ 15	2.6	1.7																32	32	30	36														
14/ 13	2.2	.9																23	23	23	30														
12/ 11	.5	.4																7	7	10	22														
10/ 9	2.8	1.6																33	33	30	18														
8/ 7	2.3	.8																23	23	27	14														
6/ 5	2.6	.7																24	24	24	25														
4/ 3	2.0	1.1																23	23	21	23														
2/ 1	2.7	.5																24	24	28	27														
0/ -1	2.3	.4																20	20	18	27														
-2/ -3	2.0																	15	15	17	13														
-4/ -5	2.0	.1																16	16	15	21														
-6/ -7	1.7																	13	13	14	15														
-8/ -9	1.1																	8	8	8	16														
-10/ -11	.5																	4	4	4	21														
-12/ -13	1.6	.1																13	13	13	5														
-14/ -15	.5																	4	4	4	3														
-16/ -17	.8																	6	6	6	2														
-18/ -19	1.3																	10	10	10	13														
Element (X)	Σ X'					Σ X					Σ					No. Obs.					Mean No. of Hours with Temperature						Total								
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

61-62

JAN 1964

PAGE 2 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	DB WB	Dry Bulb	Wet Bulb	Dew Point															
-20/-21	.5	.1																	5	5	5	8														
-22/-23	.4	.1																	4	4	3	7														
-24/-25	.4	.1																	4	4	4	1														
-26/-27	.1	.1																	2	2	3	5														
-28/-29	.3																		2	2	2	3														
-30/-31	.1																		1	1	1	6														
-32/-33																						1														
-34/-35																						2														
-36/-37																						1														
-38/-39																						1														
-40/-41																						1														
TOTAL	48.8	25.3	10.2	5.1	.1	.3													744	744	744	744														
																							744		744											
																							</													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DUT APT

61-68

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																					TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																						
46/ 45				.1	.4																														4	4			
44/ 43			1.0																															7	7				
42/ 41				.7	.4																													9	9				
40/ 39	.1	.0	1.9	1.0	.7																													30	30	13	1		
38/ 37		.7	1.0	1.0																														19	19	13	4		
36/ 35	.3	1.5	3.4	.6																														39	39	26	10		
34/ 33	.4	2.2	2.8	.7																														42	42	34	18		
32/ 31	.9	3.4	2.8	.1																														49	49	54	31		
30/ 29	1.6	5.6	2.2																															64	64	63	36		
28/ 27	2.1	5.0	1.2	.1																														57	57	76	49		
26/ 25	2.4	4.3	1.5																															55	55	63	70		
24/ 23	3.5	3.8	1.3																															59	59	60	80		
22/ 21	1.2	2.7	.7																															31	31	40	58		
20/ 19	1.8	2.8	.3																															33	33	41	45		
18/ 17	2.8	3.5																																43	43	46	41		
16/ 15	1.8	2.2																																27	27	36	26		
14/ 13	1.2	1.0																																15	15	19	44		
12/ 11	1.2	1.3																																17	17	13	46		
10/ 9	1.9	.6	.1																															18	18	20	28		
8/ 7	1.2	.6																																12	12	12	15		
6/ 5	1.2	.4																																11	11	13	19		
4/ 3	.9	.6																																10	10	8	4		
2/ 1	.9	.7																																11	11	13	8		
0/ -1	.6	.6																																8	8	9	3		
-2/ -3	.6	.1																																5	5	5	6		
-4/ -5	.4																																	3	3	4	10		
-6/ -7																																					13		
-8/ -9																																					5		
-10/-11																																					1		
-12/-13																																					1		
-14/-15																																					3		
-16/-17																																					1		
TOTAL	78.9	44.4	21.1	4.3	1.3																													678	678	678	678		
Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.	4438943	34271	80.0	11.832	678	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	84																											
Dry Bulb	476961	16865	24.4	10.330	678	2.0	65.4					84																											
Wet Bulb	412449	15451	22.8	9.440	678	2.2	73.3					84																											
Dew Point	312189	12793	18.0	10.226	678	5.6	79.9					84																											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C ODT APT

61-68

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS OF DAY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	* 31			
48/ 47																																	2	2	
46/ 45																																	1	1	
44/ 43																																	5	5	
42/ 41																																	12	12	
40/ 39																																	8	8	
38/ 37																																	20	20	
36/ 35																																	26	26	
34/ 33																																	44	44	
32/ 31																																	54	54	
30/ 29																																	57	57	
28/ 27																																	54	54	
26/ 25																																	55	55	
24/ 23																																	45	45	
22/ 21																																	41	41	
20/ 19																																	31	31	
18/ 17																																	35	35	
16/ 15																																	27	27	
14/ 13																																	20	20	
12/ 11																																	24	24	
10/ 9																																	21	21	
8/ 7																																	15	15	
6/ 5																																	28	28	
4/ 3																																	17	17	
2/ 1																																	13	13	
0/ -1																																	7	7	
-2/ -3																																	9	9	
-4/ -5																																	2	2	
-6/ -7																																	1	1	
-8/ -9																																	4	4	
-10/ -11																																	2	2	
-12/ -13																																			
-14/ -15																																			
-16/ -17																																			
-18/ -19																																			
Element (X)	ΣX^2					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature						Total			
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (O.L.A.) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FFR

STATION

STATION NAME

YEARS

MÜNCHEN

PAGE 2 0600-0800

0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
20/-21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE B C DDT APT

61-68

FEB

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B. W.B.	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Dry Bulb	Wet Bulb	Dew Point			
52/ 51								.1																									1	1				
48/ 47						.4																											3	3				
46/ 45						.4																											4	4				
44/ 43					.1	.1		.6		.1																							8	8	1			
42/ 41		.1	1.3	1.2	.4																												21	21	41			
40/ 39		.7	1.0	1.3	.6																												25	25	9			
38/ 37	.1	.6	3.4	1.8	.3																												42	42	21	5		
36/ 35		2.1	3.7	1.0	.1																												51	51	28	15		
34/ 33	.6	3.7	3.7	.9																													60	60	50	15		
32/ 31	1.3	4.0	1.4	1.2																													57	57	87	43		
30/ 29	1.0	3.4	2.1	.7	.1																												50	50	60	52		
28/ 27	1.0	4.9	2.7	.1																													59	59	58	70		
26/ 25	1.0	3.7	2.2																														47	47	61	54		
24/ 23	1.8	4.0	1.6																														50	50	60	61		
22/ 21	1.2	3.5	.6																														36	36	50	48		
20/ 19	1.2	2.8	.0																														31	31	39	63		
18/ 17	1.5	1.6	.1																														22	22	31	40		
16/ 15	1.8	1.3																															21	21	26	35		
14/ 13	1.0	1.8	.7																														21	21	16	37		
12/ 11	.9	.6	.4																														13	13	15	33		
10/ 9	1.0	1.2																															15	15	18	15		
8/ 7	.7	.9	.3																														13	13	10	23		
6/ 5	.9	.9																															12	12	14	14		
4/ 3	.7	.4																															8	8	10	13		
2/ 1	.4	.3																															6	6	6	9		
0/ -1	.3																																2	2	4	7		
-2/ -3																																				8		
-4/ -5																																				4		
-6/ -7																																				7		
-8/ -9																																				1		
-10/-11																																				4		
-16/-17																																				2		
TOTAL	18.7	42.5	26.3	9.9	2.5	.1																											678	678	678	678		
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Hum.	4061353		51711		76.3		13.166		678		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	84																					
Dry Bulb	551226		18138		26.8		9.873		678		.2	57.4					84																					
Wet Bulb	461064		16634		24.3		8.843		678		.3	70.0					84																					
Dew Point	334761		13507		19.9		9.849		678		4.1	79.7					84																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

FEB

1200-1400

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

F E A

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS	L.	S.	T.
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
54/ 53					.1	.4	.3											6	6																
52/ 51					.4	.9	.3											11	11																
50/ 49				.3	1.3	.9		.1										18	18																
48/ 47			.3	1.2	.9	.3												18	18																
46/ 45			.1	.7	2.1	1.0												27	27		1														
44/ 43				1.0	1.9	2.2	.1											36	36	11															
42/ 41		.3	.9	1.9	1.0	1.0												35	35	22															
40/ 39	.3	1.3	2.1	2.1	2.1	.3												55	55	27	4														
38/ 37	.1	1.3	1.9	2.5	.7	.6												49	49	46	13														
36/ 35		.9	4.4	2.9	.9	.3												63	63	64	16														
34/ 33	.9	2.8	2.9	1.9	.3													60	60	62	23														
32/ 31	.4	1.8	3.7	1.3	.1													50	50	85	50														
30/ 29	1.5	4.3	3.9	1.0	.1													71	71	76	50														
28/ 27	.7	2.2	3.5	.6														48	48	79	84														
26/ 25	.3	3.1	1.8	.1														36	36	60	61														
24/ 23	.7	2.1	1.3	.1														30	30	51	52														
22/ 21	.1	1.0	.4															11	11	27	94														
20/ 19		1.2	.6		.1													13	13	11	57														
18/ 17	.1	.3	.9	.3														11	11	14	46														
16/ 15	.3	1.0	.6															13	13	9	39														
14/ 13	.3	.3	.4															7	7	15	21														
12/ 11		.3																2	2	6	16														
10/ 9																				4	10														
8/ 7	.4	.1																4	4	3	6														
6/ 5		.4																3	3	4	11														
4/ 3		.1																1	1	1	3														
2/ 1																					3														
0/ -1																					4														
-2/ -3																					4														
-4/ -5																					5														
-6/ -7																					3														
-8/ -9																					1														
-10/-11																					1														
-16/-17																					1														
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		- 32 F		- 67 F		- 73 F		- 80 F		- 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

61-68

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PAGE 2 1500-1700

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PSYCHROMETRIC SUMMARY

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PAGE 1 1800-2000

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PSYCHROMETRIC SUMMARY

61-64

ff.

STATION

STATION NAME

YEARS

 $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45			.1	.4		.6	.3											10	10																
44/ 43			1.5	.3														11	11																
42/ 41			.1	1.5		.4												14	14	1															
40/ 39		.4	1.2	1.8		.4												26	26	17	1														
38/ 37	.1	.7	2.4	1.2		.3												32	32	9	4														
36/ 35	.3	1.6	4.4	1.4														56	56	34	13														
34/ 33	.4	2.8	3.4	.9		.1												52	52	49	14														
32/ 31	1.3	2.8	3.1	.4														52	52	66	37														
30/ 29	1.3	2.1	1.2	.3														33	33	72	57														
28/ 27	2.7	5.5	1.6	.4														69	69	55	50														
26/ 25	2.2	5.3	1.3	.3														67	62	67	72														
24/ 23	2.4	3.1	1.0															44	44	63	79														
22/ 21	1.3	3.1	.3															32	32	36	49														
20/ 19	1.0	3.2	.3															31	31	36	41														
18/ 17	1.8	4.4	.4															45	45	37	45														
16/ 15	1.5	2.2																25	25	46	32														
14/ 13	1.6	1.0	.1															19	19	20	38														
12/ 11	.9	1.0	.5															15	15	15	37														
10/ 9	1.2	.6	.1															13	13	12	35														
8/ 7	.4	.4	.1															7	7	9	18														
6/ 5	.4	1.0	.1															11	11	8	8														
4/ 3	.6	.1																5	5	10	7														
2/ 1	.9	.6																10	10	10	2														
0/ -1	.4																	3	3	5	5														
-2/ -3																					9														
-4/ -5	.1																	1	1	1	6														
-6/ -7																					6														
-8/ -9																					7														
-10/-11																					5														
-14/-15																					1														
TOTAL	23.0	42.2	23.2	9.4	1.9	.3												678	678		678														
																		678		678															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

61-68

14 AB

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0000-0200

HOUSES - 5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
18-19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE R C DDT APT

61-68

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STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS LT ST LT

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																											
50/ 44					.3													2	2																													
48/ 47				.1														1	1																													
46/ 45			.1	.1	.3													4	4																													
44/ 43			.1	.4	.7	.1												10	10																													
42/ 41		.3	.1	.8	.3													11	11		4																											
40/ 39	.1	.5	.7	.5	.4													17	17		8																											
38/ 37	.3	.4	1.1	.5														17	17		16																											
36/ 35	.1	1.2	1.9	1.5														35	35		20																											
34/ 33	.3	1.7	3.2	.9														45	45		23																											
32/ 31	.3	2.7	3.4	.1														48	48		54																											
30/ 29	1.1	7.1	3.6	.3														95	95		58																											
28/ 27	2.6	5.8	2.2	.3														80	80		107																											
26/ 25	.9	4.7	2.0															57	57		76																											
24/ 23	2.0	4.3	.9															54	54		68																											
22/ 21	2.4	4.0	.7															53	53		59																											
20/ 19	1.9	2.4	.4															35	35		51																											
18/ 17	1.5	1.3	.1															22	22		29																											
16/ 15	2.2	1.6	.1															29	29		31																											
14/ 13	1.3	.5																14	14		16																											
12/ 11	.7	.3	.1															8	8		11																											
10/ 9	1.6	1.2																21	21		18																											
8/ 7	1.1	1.6																20	20		14																											
6/ 5	.7	.4																8	8		16																											
4/ 3	.4	.3																5	5		6																											
2/ 1	.4	.8																9	9		10																											
0/ -1	.4	1.6																16	16		15																											
-2/ -3	.8	.8																12	12		10																											
-4/ -5	1.1	.4																11	11		14																											
-6/ -7	.4	.1																4	4		4																											
-8/ -9	.1	.1																2	2		2																											
-10/-11																					1																											
-12/-13																					4																											
-14/-15	.1																	1	1		1																											
-16/-17	.1																	1	1		10																											
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature				Total																							
Rel. Hum.																					≤ 0 F				≤ 32 F				≤ 67 F				≤ 73 F				≤ 80 F				≤ 93 F				Total			
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 0300-0500
HOURS - L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-20/-21	.1																	1		1		1															
-22/-23																				1		1															
-24/-25																						1															
TOTAL	45.1	40.4	20.0	5.6	1.9	.1													744	744	744	744															
					</																																

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

HOURS 11 - 5 P.M.

USAFETAC
FORM
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0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-66

MAR
MONTH

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
60/ 59							.1	.1														1	1												
58/ 57							.1	.1	.1													3	3												
56/ 55							.1	.4	.3	.3												8	8												
54/ 53							.1	.3	.4													6	6												
52/ 51					.3		.8	.7	.4													16	16												
50/ 49					.5	1.2	1.3	.1														24	24												
48/ 47					.7	3.4	.8	.4														39	39												
46/ 45			.3	.5		1.9	4.0	1.1														58	58	2											
44/ 43		.1	1.3	1.7	2.6	2.0	.9															65	65	9											
42/ 41		.4	.1	1.5	3.2	2.3	.3															58	58	22											
40/ 39			.1	2.6	3.0	.5																46	46	46	4										
38/ 37		.7	1.3	4.8	1.1	.1																60	60	74	8										
36/ 35	.1	.4	3.8	4.4	.9	.1																73	73	72	14										
34/ 33		1.9	2.6	2.7	.4																	56	56	88	21										
32/ 31	.4	2.3	2.3	2.4																		55	55	130	31										
30/ 29		1.5	2.7	1.2	.1																	41	41	70	33										
28/ 27	.1	1.5	1.2	.4																		24	24	54	65										
26/ 25		.7	1.3	.8																		21	21	49	93										
24/ 23		.1	.8	.5																		11	11	20	123										
22/ 21	.1	.3	1.1	.3																		13	13	15	86										
20/ 19		.5	.6	.4																		13	13	14	48										
18/ 17		.7	.7	.1																		11	11	13	41										
16/ 15		.3	.4																			8	8	15	47										
14/ 13		1.1	.5																			12	12	12	22										
12/ 11		.7	.1																			6	6	12	17										
10/ 9		.5																				4	4	8	14										
8/ 7	.1	.1	.1																			3	3	5	14										
6/ 5		.1																				1	1	1	16										
4/ 3		.1	.1																			2	2	1	8										
2/ 1		.1	.1																			2	2	1	12										
0/ -1		.3																				2	2	3	9										
-2/ -3		.1																				1	1	3	7										
-4/ -5		.1																				1	1		1										
-6/ -7																									1										
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											< 0 F		< 32 F		> 67 F		> 73 F		> 80 F		> 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

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MONTH

PAGE 2 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
-10/-11																																2			
-12/-13																																1			
-14/-15																																2			
-16/-17																																2			
-18/-19																																1			
-20/-21																																1			
-22/-23																																1			
TOTAL:	. 14.7 22.4 24.5 14.7 14.9 0.0 1.7 .3																	744		744		744													

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2537917	41801	36.2	15.964	744	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	1046600	26822	36.1	10.353	744	.5	28.9					93
Wet Bulb	730225	22497	30.2	8.200	744	.9	53.6					93
Dew Point	389667	15583	20.9	9.227	744	3.4	87.1					93

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

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STATION NAME

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PAGE 1 1500-1700

HOURS IN S.T.

PSYCHROMETRIC SUMMARY

61-68

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STATION

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YEARS

6.8 2.0 1.0 0.0

PAGE 2 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
-12/-13																											3											
-14/-15																											2											
-20/-21																											1											
-24/-25																											1											
TOTAL	1.112	.621	.615	.014	.515	.212	.0	3.4	.7																744	744	744											

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2371764	40022	53.8	17.163	744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1126393	27927	37.5	10.254	744		25.9					93
Wet Bulb	763624	23130	31.1	7.743	744		.4	30.0				93
Dew Point	386199	13659	21.0	8.730	744	2.3	87.6					93

PSYCHROMETRIC SUMMARY

61-68

STATION

STATION NAME

YEARS

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MONTH

PAGE 2 1800-2000

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PSYCHROMETRIC SUMMARY

PAGE 2 2100-2300
HOURS 1 5 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point												
-14/-15	.1																																						
-16/-17																																							
-18/-19																																							
-22/-23																																							
-24/-25																																							
TOTAL	11.4	35.9	28.0	14.4	8.2	1.9	.3															744	744	744	744	744													

USAFETAC
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0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62/ 61								.1										1	1																
60/ 59								.1										3	3																
58/ 57						.1	.3											3	3																
56/ 55					.3	.1	.6	.3	.1									10	10																
54/ 53				.4	.7	.6			.1									13	13																
52/ 51			.1	.8	1.5	.6	.1	.4										26	26																
50/ 49			.3	1.5	.7	1.8	.6											35	35																
48/ 47			.1	.7	1.8	2.6	.7	.3										45	45	7															
46/ 45			.8	.6	3.1	2.4	.6	.1										54	54	10															
44/ 43		.3	.7	2.9	3.2	2.4	.4											71	71	21															
42/ 41		1.0	.8	2.4	2.9	2.5	.1											70	70	40	3														
40/ 39	.3	2.5	1.1	3.3	5.4	1.0												98	98	56	12														
38/ 37	.1	1.8	2.3	4.3	2.1	.3												80	80	104	32														
36/ 35	.4	1.5	2.0	4.0	1.1	.6												74	74	101	33														
34/ 33	1.5	1.8	2.1	1.8	.1													53	53	107	51														
32/ 31	.4	2.2	1.8	1.1														40	40	125	63														
30/ 29	.3	1.0	1.4	.1														20	20	69	54														
28/ 27		.1	.6	.1														6	6	45	87														
26/ 25	.1	.4	.4															7	7	16	60														
24/ 23		.1	.1															2	2	7	91														
22/ 21		.1																1	1	3	81														
20/ 19		.1																1	1	1	53														
18/ 17		.1																1	1	1	32														
16/ 15																				1	29														
14/ 13		.1																1	1	1	17														
12/ 11	.1																	1	1	1	6														
10/ 9	.3	.1																3	3	2	7														
8/ 7	.1																	1	1	2															
6/ 5																					6														
4/ 3																					2														
2/ 1																					1														
TOTAL	3.8	13.5	15.1	21.8	22.8	14.9	5.8	1.7	.7									720		720	720														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	2716579	42269	58.7	10.082	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb	1201080	28944	40.2	7.229	720		10.5					90																							
Wet Bulb	860291	24587	34.1	5.363	720		34.3					90																							
Dew Point	512391	18533	25.7	7.011	720		75.6					90																							

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE B C OCT APT

61-68

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STATION

STATION NAME

YEARS

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HOURS 14. 5. 7. 1

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PSYCHROMETRIC SUMMARY

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STATION NAME

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MONTH

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HOURS 11 5 7

USAFETAC FORM 0-26-5 (O LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

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HOURS S. T.

PSYCHROMETRIC SUMMARY

61-68

YEARS

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

RAY

STATION

STATION NAME

YEARS

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PAGE 1 0300-0500

HOUS S Y

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
58/ 57						.1	.1											2	2																
56/ 55						.5	.5											8	8																
54/ 53					.3	.7												7	7																
52/ 51				.1	.9	.4	.1	.4										15	15																
50/ 49			.3	.7	1.2	.4	.1											20	20																
48/ 47	.4	.9	1.9	1.2	1.9	.1												48	48	5															
46/ 45	1.3	1.9	1.5	1.9	1.6	.1												62	62	40	19														
44/ 43	1.3	3.2	1.5	1.2	.9													61	61	66	25														
42/ 41	1.1	2.4	2.5	2.6	.1													61	61	58	40														
40/ 39	2.7	3.2	3.4	2.8	.9													97	97	90	58														
38/ 37	.4	3.6	3.1	1.7	.3													68	68	58	47														
36/ 35	1.1	3.5	4.0	1.2														72	72	93	66														
34/ 33	1.1	3.8	2.4	1.9														68	68	81	69														
32/ 31	2.2	4.6	2.3	.1														68	68	88	71														
30/ 29	1.3	3.0	1.4	.1														43	43	83	88														
28/ 27	1.1	1.5	.4															22	22	48	97														
26/ 25	.7	.9	.4															15	15	19	50														
24/ 23	.4	.3																5	5	14	46														
22/ 21	.1																	1	1	1	34														
20/ 19																					23														
18/ 17																					6														
16/ 15																					5														
TOTAL	5.2	32.8	24.5	15.6	8.2	2.4	.9	.4										744	744	744	744														

PSYCHROMETRIC SUMMARY

14 Y

PAGE 1 0600-0800
HOURS S. T.

PSYCHROMETRIC SUMMARY

4AY

STATION

STAT ON NAME

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1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
76/ 75											.1	.1						2	2													
74/ 73											.3							2	2													
72/ 71										.1	.3	.1						4	4													
70/ 69									.3	.7	.5							11	11													
68/ 67									.4	.4	.1							7	7													
66/ 65								.1	.5	.9	.1							13	13													
64/ 63								.3	1.3	.9	.1							20	20													
62/ 61						.5	1.6	1.3	.7	.1								32	32													
60/ 59					.1	.9	.5	1.3	.9	.1								30	30													
58/ 57			.1	.1	.8	1.5	1.1	1.2	.5									40	40	1												
56/ 55		.1		.4	.5	1.3	1.7	1.5	.5									46	46	2												
54/ 53			.5	.7	.9	2.8	3.2	.9	.1									69	69	12												
52/ 51			.5	1.1	1.6	3.6	1.6	.5										65	65	30	2											
50/ 49		.5	1.2	1.3	3.4	3.8	1.3	.1										87	87	54	1											
48/ 47	.1	1.3	.8	2.2	3.3	3.1	.8	.1										89	89	49	7											
46/ 45	.1	1.5	.7	.9	3.0	1.9	.1											61	61	88	19											
44/ 43		.4	.3	1.6	2.8	.8	.1											45	45	97	41											
42/ 41	.3	1.1	.4	1.7	2.2	.4												45	45	108	36											
40/ 39		.8	.1	2.2	1.1													31	31	94	49											
38/ 37		.7	.7	.8														16	16	77	68											
36/ 35	.1	1.2	.7	.1														16	16	65	58											
34/ 33	.1	.9	.1															9	9	41	69											
32/ 31	.3	.3																4	4	25	103											
30/ 29																				1	73											
28/ 27																					78											
26/ 25																					51											
24/ 23																					39											
22/ 21																					22											
20/ 19																					20											
18/ 17																					3											
16/ 15																					5											
TOTAL	1.1	8.9	5.9	13.2	19.9	20.7	12.6	9.0	5.5	1.6	1.3	.3						744	744	744	744											

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2309829	39309	52.81	7.707	744	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	1944642	37560	50.5	8.077	744		.5	3.3	.5		93	
Wet Bulb	1324566	3113 ⁸		4.363	744		3.3				93	
Dew Point	824190	242		6.872	744		49.3				93	

DATA PROCESSING DIVISION
USAF ETAT
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81																																		2	2		
80/ 79																																		2	2		
78/ 77																																		7	7		
76/ 75																																		12	12		
74/ 73																																		7	7		
72/ 71																																		14	14		
70/ 69																																		13	13		
68/ 67																																		26	26		
66/ 65																																		25	25		
64/ 63																																		28	28		
62/ 61																																		42	42		
60/ 59																																		55	55		
58/ 57																																		59	59		
56/ 55																																		84	84		
54/ 53																																		61	61		
52/ 51																																		82	82		
50/ 49																																		53	53		
48/ 47																																		51	51		
46/ 45																																		40	40		
44/ 43																																		28	28		
42/ 41																																		26	26		
40/ 39																																		9	9		
38/ 37																																		11	11		
36/ 35																																		6	6		
34/ 33																																		1	1		
32/ 31																																					
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
22/ 21																																					
20/ 19																																					
18/ 17																																					
16/ 15																																					
Element (X)	Σx^2					Σx					\bar{x}					s_x					No. Obs.					Mean No. of Hours with Temperature					Total						
Rel. Hum.																										≤ 0 F					≤ 32 F						
Dry Bulb																										≤ 67 F					≤ 73 F						
Wet Bulb																										≤ 80 F					≤ 93 F						
Dew Point																																					

USAFETAC FORM 0-26-3 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

MAY

MONTH

HOURS 8.30-5.30

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

64-68

MAY

STATION

STATION NAME

YEARS

MCN 111

PAGE 1 1500-1700

HOURS 11 5 11

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

1500-1700

2

YEARS

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STATION

STATION NAME

PAGE 1 1800-2000

HOURS (L - S - T)

2

2

MAY
MONTH

HOURS (L S T)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
70/ 69									.1									1	1															
68/ 67										.1	.1							2	2															
66/ 65								.1	.1	.1	.1	.1						5	5															
64/ 63								1.1	.3	.4			.1					14	14															
62/ 61						.1	.5	.7										13	13															
60/ 59					.4	.6	.9	.4										19	19															
58/ 57					.3	.5	1.3	.5		.1								21	21															
56/ 55				.5	.8	.9	1.3	.4	.3									32	32															
54/ 53			.4	.5	.8	1.3	1.3	.5	.1									39	39	2														
52/ 51		.5	1.1	.4	.4	3.0	.9	.4										50	50	5														
50/ 49	.1	1.7	1.2	1.5	1.2	2.4	1.3	.3										73	73	39	5													
48/ 47	.4	2.3	1.3	1.9	1.6	1.9	.9											77	77	64	11													
46/ 45	.3	3.2	1.9	2.4	2.3	.4												78	78	62	32													
44/ 43	.3	1.9	2.7	2.3	1.7	1.3	.1											77	77	77	38													
42/ 41	.7	2.2	1.6	2.0	1.6	.3												62	62	109	44													
40/ 39	.4	1.1	1.3	1.7	1.5													46	46	102	56													
38/ 37	.3	2.7	.9	1.2	.5	.3												46	46	71	61													
36/ 35	.7	1.6	.8	1.2	.1													33	33	78	77													
34/ 33	.7	1.6	.7	.3	.1													25	25	53	68													
32/ 31	.8	1.2	.7															20	20	47	76													
30/ 29	.1	.5	.4															8	8	25	73													
28/ 27	.1	.1																2	2	10	61													
26/ 25	.1																	1	1	4	37													
24/ 23																					45													
22/ 21																					21													
20/ 19																					24													
18/ 17																					4													
16/ 15																					3													
14/ 13																					5													
12/ 11																					3													
TOTAL	5.2	20.7	15.2	16.0	13.0	13.0	8.9	5.0	1.7	.8	.3	.1						744	744	744	744													
Element (X)	Σ x'	Σ x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	3358348	47560	63.920	691	744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb	1622759	34243	46.0	7.928	744		3.9	.4				93																						
Wet Bulb	1210976	29722	39.9	5.638	744		10.8					93																						
Dew Point	853479	24577	33.0	7.484	744		44.0					93																						

PSYCHROMETRIC SUMMARY

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-68

JUN

STATION

STATION NAME

YEARS

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PAGE 1 1200-1400

HOURS	S	T
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USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-68

July

PAGE 2 1200-1400

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[illegible]

PSYCHROMETRIC SUMMARY

JUN
MON 2

HOURS: 11:55 - 1:00

[illegible]

PSYCHROMETRIC SUMMARY

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PAGE 2 1500-1700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
22 / 21 16 / 15																							2 1												
TOTAL	.1	4.0	3.5	5.6	4.3	7.5	10.6	13.6	15.0	13.2	8.3	7.2	2.9	3.1	.3	.4	.4			720	720	720	720												

USAFETAC
FORM 0-26-5 (OLA)
III A4
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 1800-2000
HOURS: L. S. T.)

[illegible]

USAFETAC
FORM 0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C DOT APT
STATION	STATION NAME

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YEARS

JUN

MÜNTH

PAGE 1 2100-2300

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 74											.1	.1						2	2																
74/ 73											.1							1	1																
72/ 71						.1				.4	.3	.1						7	7																
70/ 69							.3		1.0	.4								12	12																
68/ 67						.1	.6		.3	1.3	.3	.4						21	21																
66/ 65						.1	.4	1.1	1.5	.4	.3							28	28																
64/ 63					.1	.4	1.1	2.2	.6									32	32																
62/ 61				.1	.4	.4	1.9	1.4	.1									32	32	1															
60/ 59			.1	.7	1.0	1.1	1.5	1.3	.1	.1								43	43																
58/ 57			.1	.4	1.8	2.1	1.8	.3	.1									48	48	3															
56/ 55		.6	.4	1.4	1.8	2.6	1.1	.4	.1									61	61	14	1														
54/ 53	.3	1.5	1.4	2.4	3.3	1.8	1.0	.3										86	86	36	7														
52/ 51	.7	2.2	1.3	1.8	2.8	2.5	.8											87	87	79	14														
50/ 49	.4	2.6	1.4	3.1	1.3	1.5	.3											76	76	106	31														
48/ 47	.8	3.3	1.4	2.2	1.3	.3												67	67	113	43														
46/ 45	.3	1.9	1.4	1.1	.4													37	37	112	69														
44/ 43	.1	2.8	1.5	.7	.1													38	38	85	66														
42/ 41	.8	1.7	.6	.3														26	26	99	84														
40/ 39	.3	.8	.3															10	10	50	102														
38/ 37	.1	.4																4	4	18	107														
36/ 35	.1		.1															2	2	7	56														
34/ 33																				1	44														
32/ 31																					27														
30/ 29																					13														
28/ 27																					5														
26/ 25																					4														
24/ 23																					4														
22/ 21																					1														
20/ 19																					1														
TOTAL	4.0	17.9	10.3	14.2	14.3	13.2	10.8	7.2	4.9	1.7	1.3	.3						720	720	720	720														

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	3116431	45073	62.620	249	720							90
Dry Bulb	2105781	38567	53.6	7.432	720			5.4	.4			90
Wet Bulb	1555280	33308	46.3	4.478	720							90
Dew Point	1158007	28533	39.6	6.158	720		11.5					90

YEARS

JUL

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1985

USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

JUL
MONTH

HOURS (L. S. T.)

[illegible]

YEARS

JUL

STATION

STATION NAME

MOURS (L S T)

USAFETYAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C OUT APT

61-68

JUL

STATION

STATION NAME

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HOURS (L, S, T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE 3 C DDT APT

61-68

AUG

STATION

STATION NAME

YEARS

PAGE 1

0300-0500

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																				
72/ 71								.1	.1									1	1																		
70/ 69								.1	.1									2	2																		
64/ 63					.1	.1	.1	.3	.3									7	7																		
62/ 61				.7	.3	.8	.3											15	15																		
60/ 59		.3	.5	1.1	1.1	1.1	.9											37	37																		
58/ 57	.3	1.5	.8	1.2	2.0	.4												46	46	12	4																
56/ 55	.7	1.3	2.2	2.4	1.2	.3												60	60	25	16																
54/ 53	.7	4.0	3.2	1.7	.9	.1												80	80	39	21																
52/ 51	1.3	4.6	4.2	1.6	.8	.1												94	94	97	46																
50/ 49	2.3	5.2	2.8	1.5	.7													93	93	123	79																
48/ 47	2.0	6.2	3.0	1.5	.1													95	95	115	93																
46/ 45	3.0	5.5	2.0	.7														83	83	110	126																
44/ 43	1.9	3.6	1.5	.1														53	53	93	100																
42/ 41	1.9	3.0	.5															40	40	68	96																
40/ 39	.7	1.3																15	15	31	66																
38/ 37	.3	1.2																11	11	12	48																
36/ 35	.4	.8																9	9	14	33																
34/ 33		.1																1	1	3	12																
32/ 31	.3																	2	2	2	4																
TOTAL	15.6	38.7	20.7	12.0	7.3	3.0	1.6	.5										744	744	744	744																
Element (X)	Σ x'			Σ x			Σ			σ _x			No. Obs.			Mean No. of Hours with Temperature						Total															
Rel. Hum.	5271861			61755			83.014.015			744			744			≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93															
Dry Bulb	1881239			37147			49.9 5.976			744			744				.3	.4				93															
Wet Bulb	1656146			34928			46.9 4.699			744			744				.3					93															
Dew Point	1490870			33090			44.5 5.079			744			744				.5					93															

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

61-68

AUG

HOURS 1L, S, T.1

2

2

AUG

MONTH

HOURS (L, S, T):

HOURS (L, S, T)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

61-68

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS: 11:50 - 1:30

[illegible]

PSYCHROMETRIC SUMMARY

61-68

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0000

47185 : S I

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTE

HOUS. L. S. I.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 74										.1								7	3																
74/ 73									.1									1	1																
72/ 71							.1		.1	.4	.4							7	7																
70/ 69									.4	.1	.1							5	5																
68/ 67				.1	.1		.3	.1	.4	.6	.1							12	12																
66/ 65			.1	.1		.7	.8	.6	.3	.1								20	20																
64/ 63		.1	.1		.3	1.0	.7	1.5	.1	.1								23	29																
62/ 61			.4	.3	.6	1.5	1.1	.6	.1									33	33	6															
60/ 59		.1		1.0	1.9	1.9	2.2	.4										55	55	1	4														
58/ 57	.1		.6	1.3	3.2	2.4	1.0	.1										62	62	12	2														
56/ 55	.1	.3	.6	1.5	2.2	2.4	1.3											60	60	21	7														
54/ 53	.1	1.0	1.5	1.4	3.3	1.3	.6											66	66	39	6														
52/ 51	.1	1.3	1.7	2.6	4.0	1.8	.3											85	85	71	12														
50/ 49	.7	1.8	1.3	2.8	1.7	.6												63	63	96	33														
48/ 47		1.4	2.6	1.8	2.1													57	57	97	48														
46/ 45		1.4	1.8	2.4	1.3	.3												51	51	96	65														
44/ 43	.4	2.1	1.1	.8	1.1													40	40	87	74														
42/ 41		1.8	.6	1.3	.4													29	29	75	87														
40/ 39		.7	.4	.6	.3													14	14	42	91														
38/ 37	.1	.8		.6														11	11	30	92														
36/ 35		.6	.1															5	5	22	63														
34/ 33	.3	.1	.3															5	5	8	42														
32/ 31	.3	.1	.1															4	4	11	38														
30/ 29		.3	.1															3	3	2	21														
28/ 27																				4	14														
26/ 25																					10														
24/ 23																					6														
22/ 21																					9														
TOTAL	2.4	13.9	13.5	18.5	22.4	14.2	8.1	4.3	1.5	1.1	.3							720	720	720	720														

Element (X)	Σx'	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel Hum.	3169078	46312	64.3	16.264	720						
Dry Bulb	2631425	37813	52.5	7.960	720						

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WILLIAMS LAKE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC
OCT 71

UNCLASSIFIED USAFETAC/DS-81/039

SBIE-AD-E850 066

NL

5 5 5

25

END
DATE
FILMED
7 8
DTIC

2

SEP

YEARS

HOURS	U	S	T
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0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C OUT APT
STATION	STATION NAME

61-68

SEP
MONTH

PAGE 1 1500-1700

MS:RS 11 S 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85														.4	.1			4	4																
84/ 83													.6	.3				6	6																
82/ 81											.3		.3					4	4																
80/ 79									.1	.3	.1	.3						7	7																
78/ 77								.1	.4	1.0	.3	.7						18	18																
76/ 75								.6	1.1	1.1	.3	.3						24	24																
74/ 73								.7	1.4	.8	.4	.1						23	23																
72/ 71							.7	1.0	.7	1.1	.6							29	29																
70/ 69					.1		.6	.8	.8	.4								20	20																
68/ 67				.1	.1	.4	.1	.3	1.9	1.7	.3							36	36																
66/ 65				.6	.4	.7	1.4	2.4	.8	.3								47	47																
64/ 63			.4	.1	1.3	1.3	3.2	1.1	.1									54	54	2															
62/ 61			.3	.1	.8	2.1	2.2	2.5	.4									61	61	9															
60/ 59		.1	.1	.8	1.1	.7	1.8	2.2	1.1	.1								59	59	28	1														
58/ 57			.6	.8	1.3	2.1	2.2	2.1	.7									70	70	40	1														
56/ 55		.7	.6	.3	1.4	1.5	1.9	.8										49	49	40	11														
54/ 53		.8	1.0	.4	.7	1.9	2.3	1.1	.1									62	62	64	8														
52/ 51		.8	.4	1.5	1.3	.7	.7											39	39	14	1														
50/ 49		.8	.4	.6	.4	.7	.8	.4										34	34	14	1														
48/ 47	.1	1.4	.4	.6	.1	.6	.4											20	20	14	1														
46/ 45	.6	.4	1.1	.4	.7	.1												14	14	14	1														
44/ 43		.3	.6															14	14	14	1														
42/ 41		.4				.4												14	14	14	1														
40/ 39	.4	.4																14	14	14	1														
38/ 37		.3																14	14	14	1														
36/ 35	.1	.3																14	14	14	1														
34/ 33		.3																14	14	14	1														
32/ 31		.1																14	14	14	1														
30/ 29																		14	14	14	1														
28/ 27																		14	14	14	1														
26/ 25																		14	14	14	1														
24/ 23																		14	14	14	1														
22/ 21																		14	14	14	1														
20/ 19																		14	14	14	1														
Element																						No. Obs.		Mean No. of Hours with Temperature					Total						
																						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							

2

2

SEP
1971
Vol. 1, No. 1

PAGE 2 1500-1700
HOURS L. S. T. 1

2

✓ E AHS

61-68

SEP

PAGE 1 1800-2000

HOURS 9-5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79										.1	.3	.1						1	1																
78/ 77																		4	4																
76/ 75									.3			.3						4	4																
74/ 73								.3										7	7																
72/ 71								.3	.3	.6	.4	.4						14	14																
70/ 69								.1	.6	.6	.3	.3						13	13																
68/ 67						.3		1.0	.8	.7	.3							22	22																
66/ 65						.1	.6	1.5	.6	.6	.3	.3						28	28																
64/ 63			.1	.1	.6	.4	1.1	1.0	.6									28	28	1															
62/ 61			.3	.1	.4	.7	1.9	1.1	.1	.1								35	35	4															
60/ 59		.1	.1	.7	.8	1.9	2.4	.6	.3									50	50	6															
58/ 57		.3	.3	1.5	1.7	3.3	2.1	1.0										73	73	18	1														
56/ 55		.3	1.3	1.3	1.7	1.7	1.4	.1										55	55	34	13														
54/ 53		.7	2.5	.6	2.8	1.5	.8											64	64	40	5														
52/ 51		2.2	.4	2.1	2.1	1.7	.1											62	62	66	13														
50/ 49	.4	1.8	2.4	1.0	1.9	1.3	.1											64	64	103	42														
48/ 47	.3	1.7	1.4	1.4	1.4	1.0												51	51	98	34														
46/ 45	.3	1.8	1.8	1.3	.7	.6												46	46	100	56														
44/ 43	.7	.8	1.1	.4	1.4	.1												33	33	72	70														
42/ 41	.1	1.3	1.0	.4	1.0													27	27	57	74														
40/ 39		1.4	.4	.1	.1													15	15	44	97														
38/ 37	.4	1.0	.3	.1														13	13	36	78														
36/ 35		.3	.1	.3														5	5	20	47														
34/ 33		.4																3	3	13	51														
32/ 31		.4																3	3	5	47														
30/ 29																				3	27														
28/ 27																					14														
26/ 25																					15														
24/ 23																					8														
22/ 21																					6														
20/ 19																					1														
18/ 17																					1														
TOTAL	2.2	14.4	13.5	11.3	17.1	1																													

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE B C DUT APT
STATION STAT. ON NAME

61-69

YEARS

SEP
MONTH

PAGE 1 2100-2300
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73							.1														1	1		
72/ 71						.1															1	1		
70/ 69							.1			.1											2	2		
68/ 67					.3		.1	.3	.3												7	7		
66/ 65					.3		.4	.1	.4												9	9		
64/ 63				.3	.3	.8	.6	.7	.1												20	20	2	
62/ 61				.4	.4	.3	.8	.1	.6												19	19		
60/ 59			.4	.7	.6	1.5	.8	.1													30	30	4	2
58/ 57		.4	.1	1.3	1.1	1.3	.8	.1													37	37	5	
56/ 55	.1	.7	.4	1.0	1.7	1.5	.6	.3													45	45	15	9
54/ 53				2.4	1.3	2.8	1.7	.1													59	59	25	11
52/ 51		1.4	1.7	3.1	1.3	.7															58	58	41	8
50/ 49	1.1	2.9	2.2	3.3	1.4	.4															83	83	75	17
48/ 47	.7	2.4	2.3	2.4	1.3	.4															69	69	78	61
46/ 45	.4	2.9	3.2	3.1	.6																73	73	104	61
44/ 43	.1	2.5	2.2	1.3	.6																48	48	84	52
42/ 41	.8	2.3	.8	1.1	.6																52	52	81	79
40/ 39	.7	1.3	1.5	.6	.3																31	31	74	106
38/ 37	.7	2.1	1.0	.8																	33	33	34	70
36/ 35	.3	1.8	.7	.3																	22	22	47	69
34/ 33		.8	.6																		10	10	17	54
32/ 31		.8	.3																		8	8	21	49
30/ 29		.4																			3	3	9	27
28/ 27																							4	22
26/ 25																								12
24/ 23																								8
22/ 21																								3
TOTAL	5.0	23.3	21.0	20.8	13.3	8.9	4.3	1.8	1.5												720	720	720	720
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	3862374		51358		71.3		16.636		720		< 0 F		< 32 F		< 67 F		< 73 F		> 80 F		> 93 F		Total	
Dry Bulb	1766319		35195		48.9		7.991		720				1.4		1.4		.1						90	
Wet Bulb	1413891		31597		43.9		6.158		720				4.3										90	
Dew Point	1140112		28232		39.2		6.789		720				15.1										90	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

262

HOURS: 11:55 T

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29247 WILLIAMS LAKE & C DDT APT

61-68

307

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS L, S, T, U

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																						
72/ 71																		1															1						
70/ 69									.1	.3								4														4							
68/ 67									.1	.3								6														6							
66/ 65								.1	.4	.5								11														11							
64/ 63								.1	.8	.5								15														15							
62/ 61								.9	.4	.7								16														16							
60/ 59						.4	1.5	.7		.1								20														20							
58/ 57					.1	1.6	2.2	.9	.5									40														40							
56/ 55				.8	1.1	1.9	1.3	.9										45														45		16					
54/ 53			.4	.3	.9	2.4	1.1	.4										41														41		9					
52/ 51			.1	.1	.9	1.7	.3	1.1	.1									32														32		24					
50/ 49		.1	1.1	1.9	2.3	2.7	1.2											69														69		46					
48/ 47		.5	1.5	1.5	2.8	2.2	.3											65														65		41	13				
46/ 45	.1	1.7	1.7	1.3	3.5	1.7	.3											78														78		63	23				
44/ 43		1.1	1.3	3.0	1.9	1.3												64														64		80	40				
42/ 41	.3	2.3	1.2	3.2	2.3	.8	.3											77														77		62	44				
40/ 39	.7	2.4	1.2	1.9	2.0	.1												62														62		105	70				
38/ 37	.5	2.3	1.2	1.5	.5													45														45		109	72				
36/ 35	1.1	1.3	.9	.7														30														30		88	80				
34/ 33	.5	.5	.3															10														10		44	55				
32/ 31	.5		.1															5														5		45	70				
30/ 29		.3		.3														4														4		10	68				
28/ 27			.1															1														1		2	63				
26/ 25			.1															1														1		1	45				
24/ 23		.1	.1															2														2		2	42				
22/ 21																																			3	25			
20/ 19																																				17			
18/ 17																																				12			
16/ 15																																				2			
14/ 13																																				3			
TOTAL	3.8	12.8	11.6	17.3	21.1	18.3	9.1	4.0	1.7	.3								744														744		744					
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature																																	
Rel. Hum.	2929269	44759	60.2	17.844	744	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																												
Dry Bulb	1715484	35188	47.3	8.305	744		1.6	1.4																													93		
Wet Bulb	1248726	30148	40.5	6.038	744		7.9																														93		
Dew Point	852953	24605	33.1	7.267	744		43.4																														93		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DDT APT

61-68

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73																			1	1															
72/ 71																			1	1															
70/ 69																			5	5															
68/ 67																			3	3															
66/ 65																			16	16															
64/ 63																			12	12															
62/ 61																			20	20															
60/ 59																			22	22															
58/ 57																			40	40															
56/ 55																			37	37															
54/ 53																			40	40															
52/ 51																			55	55															
50/ 49																			59	59															
48/ 47																			64	64															
46/ 45																			74	74															
44/ 43																			61	61															
42/ 41																			68	68															
40/ 39																			66	66															
38/ 37																			40	40															
36/ 35																			38	38															
34/ 33																			9	9															
32/ 31																			4	4															
30/ 29																																			
28/ 27																																			
26/ 25																																			
24/ 23																																			
22/ 21																																			
20/ 19																																			
18/ 17																																			
16/ 15																																			
14/ 13																																			
12/ 11																																			
10/ 9																																			
Element (X)	Σx^2					Σx					\bar{x}					s^2					No. Obs.					Mean No. of Hours with Temperature						Total			
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1967

STATION

STAT ON NAME

YEARS

MOB'N

PAGE 2 1500-1700
HOURS - L. S. T.

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 44

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DUT APT

61-68

OCT
MONTH

STATION

STATION NAME

YEARS

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
66/ 65																		2		2																	
64/ 63								.3										3		3																	
62/ 61								.4										12		12																	
60/ 59								.5										16		16																	
58/ 57								.7										19		19																	
56/ 55								.8										26		26																	
54/ 53								.9										20		20																	
52/ 51				1.1	1.9	1.6		.7										41		41		13															
50/ 49			.1	.7	2.4	1.1		.5										39		39																	
48/ 47	.3	.5	1.1	1.1	1.5	.9												40		40																	
46/ 45	.4	1.1	2.2	2.2	2.6	.7												49		49																	
44/ 43	.3	2.2	2.6	2.8	1.5	.1												66		66																	
42/ 41	.1	2.0	2.0	3.1	2.2	.3																															
40/ 39	1.2	3.0	2.2	3.0	1.5	.1																															
38/ 37	1.1	2.3	3.8	1.6	.7																																
36/ 35	.8	2.4	3.1	.1	.3																																
34/ 33	2.2	3.5	.9	.9																																	
32/ 31	1.3	1.5	1.3	.4														34		34		81															
30/ 29	.3	.8	.4															11		11		22															
28/ 27	.1	.5	.3															7		7		24															
26/ 25	.1	.5	.3															7		7		9															
24/ 23		.7																5		5		5															
22/ 21																						6															
20/ 19																																					
18/ 17																																					
16/ 15																																					
14/ 13																																					
TOTAL	4.24																	744		744		744															

	Σx	Σx^2	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Σx	3892563	51981	69.91	7.239	744	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Σx^2	1409380	31806	42.8	8.193	744		8.0				93
Wet Bulb	1106713	28311	38.1	6.292	744		18.4				93
Dew Point	635028	24378	32.8	6.988	744		46.3				93

PSYCHROMETRIC SUMMARY

25247

WILLIAMS LAMF

ACT

PAGE 1

2100-2300

HOURS - L, S, T, I

[illegible]

PSYCHROMETRIC SUMMARY

NOV

MONTH

0000-0200

HOURS: 5-7 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

25247	WILLIAMS LAKE B C DOT APT
STATION	STATION NAME

61-68

NDV

PAGE 2 0000-0200

[illegible]

2

YEARS

NOV
MONTH

HOURS: 8 A.M. - 5 P.M.

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-68

NCTV

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

0300-0500

HOURS (L. S. T.)

[illegible]

2

YEARS

NDV

STATION

STATION NAME

PAGE 1 0600-0800

HOURS 11 S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
46/ 45			.1	.3														3	3																		
44/ 43			.4	.1														4	4																		
42/ 41		.7	.7	.6	.1													15	15	1																	
40/ 39		.7	1.3	2.1	.1													30	30	11	3																
38/ 37	.4	1.4	1.0	1.4	.1													31	31	16	6																
36/ 35	.7	2.6	1.9	.4														41	41	34	14																
34/ 33	1.1	2.4	1.1	.3														35	35	49	34																
32/ 31	3.5	5.1	2.2	.6														81	81	73	43																
30/ 29	3.6	5.1	1.4	.1														74	74	78	62																
28/ 27	3.6	5.8	1.1															76	76	82	71																
26/ 25	2.8	4.9	.7															60	60	72	79																
24/ 23	2.9	3.1																43	43	56	75																
22/ 21	2.5	2.9																39	39	47	60																
20/ 19	2.1	1.1																23	23	32	46																
18/ 17	1.7	1.0																19	19	19	40																
16/ 15	1.5	.6																15	15	17	22																
14/ 13	1.9	.6																18	18	18	20																
12/ 11	1.9	1.0																21	21	22	23																
10/ 9	2.2	.7																21	21	21	15																
8/ 7	1.8	.4																16	16	16	20																
6/ 5	1.7	.3																14	14	13	18																
4/ 3	.8	.1																7	7	8	18																
2/ 1	.3																	2	2	3	7																
0/ -1	.8	.1																7	7	6	4																
-2/ -3	1.0																	7	7	8	7																
-4/ -5	.8	.1																7	7	7	4																
-6/ -7	.7																	5	5	5	9																
-8/ -9	.8																	6	6	6	5																
-10/-11																					7																
-12/-13																					5																
-14/-15																					3																
TOTAL	41.3	40.7	11.9	5.7	.4													720	720	720	720																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	5206808	60722	84.4	10.813	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	530601	17869	24.8	11.008	720	4.0	70.1						90																								
Wet Bulb	473473	16939	23.9	10.211	720	4.0	76.1						90																								
Dew Point	387733	14801	20.6	10.779	720	5.5	82.9						90																								

PSYCHROMETRIC SUMMARY

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HOURS: 11 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
48/ 47			.1	.6	.1													6	6													
46/ 45			.4	.6	.1													7	7													
44/ 43		.4	.4	.8	.4													15	15	2												
42/ 41		.3	1.1	1.4	1.3	.3												31	31	10	1											
40/ 39		1.3	1.1	1.8	.4													33	33	13	3											
38/ 37		1.5	1.8	2.1														39	39	32	13											
36/ 35	1.4	2.1	4.4	.8														63	63	47	27											
34/ 33	.8	4.7	3.4	.6														71	71	48	26											
32/ 31	2.8	4.2	3.3	.4														77	77	109	44											
30/ 29	2.9	5.1	1.3															67	67	95	78											
28/ 27	2.1	5.7	1.8															69	69	71	87											
26/ 25	1.4	2.6	.4															32	32	60	84											
24/ 23	2.2	2.8	.1															37	37	43	74											
22/ 21	.7	2.1	.3															22	22	27	47											
20/ 19	1.8	1.8																26	26	29	36											
18/ 17	1.0	1.5																18	18	19	38											
16/ 15	.3	1.5																13	13	13	25											
14/ 13	1.3	1.8																22	22	23	17											
12/ 11	1.1	1.0																15	15	18	20											
10/ 9	.2	.1																5	5	8	16											
8/ 7	1.4	.1																11	11	11	19											
6/ 5	.6	.4																7	7	8	11											
4/ 3	.4	.8																9	9	8	11											
2/ 1	.4	.1																7	7	7	5											
0/ -1	.8																	6	6	7	9											
-2/ -3	.7																	9	5	5	4											
-4/ -5	.7																	9	5	5	10											
-6/ -7	.3																	2	2	2	6											
-8/ -9																					6											
-10/-11																					2											
-12/-13																					1											
TOTAL	26.0	42.1	20.2	9.0	2.4	.3												720	720	720	720											
Element (X)	Σ x²		Σ x		X̄		s²		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	4691442		57394		79.7		12.721		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	640147		20043		27.8		10.692		720		2.3		56.9										90									
Wet Bulb	548331		18625		25.9		9.620		720		2.4		71.0										90									
Dew Point	423818		15886		22.1		10.098		720		4.8		81.3										90									

PSYCHROMETRIC SUMMARY

61-68

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STATION

STATION NAME

YEARS

 $\text{MON}^+ \text{H}^-$

PAGE 2 1200-1400

1200-1400

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C GDT APT

61-68

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
56/ 55					.1		.3											3	3																
54/ 53					.3	.1												3	3																
52/ 51					.3	.4												5	5																
50/ 49			.4	.4	.1	.1												8	8																
48/ 47			.1	.6	.1	.3												8	8		2														
46/ 45		.1	.4	.8	.4	.7												17	17		10														
44/ 43		.1	1.3	1.1	1.7	.6												34	34		8														
42/ 41		.4	.8	2.6	2.2	.7												49	49		8														
40/ 39	.1	.7	1.3	1.9	1.5			.1										41	41		25														
38/ 37	.4	1.9	2.6	1.5	.6													51	51		33														
36/ 35	.4	2.5	5.0	2.2	.1													74	74		69														
34/ 33	.7	5.7	3.6	.7														77	77		83														
32/ 31	3.8	3.2	2.9	1.0														75	75	130	67														
30/ 29	1.8	3.3	2.2															53	53	69	76														
28/ 27	.6	3.1	1.7															38	38	52	86														
26/ 25	1.0	3.2	.4															33	33	47	63														
24/ 23	.1	2.1	.6															20	20	36	59														
22/ 21	1.0	1.9	.1															22	22	25	58														
20/ 19	1.0	2.4	.4	.3														29	29	27	58														
18/ 17	1.4	.8	.1															17	17	23	35														
16/ 15	.3	.8																8	8	11	31														
14/ 13	.6	.1																5	5	8	23														
12/ 11	.4	.3																5	5	6	9														
10/ 9	.3																	2	2	1	9														
8/ 7	.1																	1	1	2	8														
6/ 5	.8	.6																10	10	9	2														
4/ 3	1.3	.4																12	12	12	2														
2/ 1	1.9	.6																11	11	10	8														
0/ -1	.7																	5	5	7	8														
-2/ -3	.1																	1	1	1	13														
-4/ -5	.3																	2	2	2	10														
-6/ -7	.1																	1	1	1	2														
-8/ -9																					3														
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total																			
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$		Total																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

61-64

425

PAGE 2 1500-1700

HO 125 (S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C LOT APT

61-68

211V

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STAT UN NAME

YEARS

PAGE 1

1800-2000

$H_0: \mu = 0$ vs. $H_1: \mu \neq 0$

[illegible]

PSYCHROMETRIC SUMMARY

61-68

N° 1 V

PAGE 2 1800-2000
HOURS L.L.S.T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DDT APT
STATION STATION NAME

61-68
YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
50/ 49				.3	.3													4	4																
48/ 47				.3														2	2																
46/ 45			.6		.3													6	6																
44/ 43		.1	.1		.1													3	3	4															
42/ 41		.6	.7	.6	.3													15	15	9															
40/ 39	.1	.4	1.7	2.6														35	35	5	4														
38/ 37	.6	2.1	2.4	1.1														44	44	19	14														
36/ 35	.8	2.8	1.8	1.5	.4													53	53	41	21														
34/ 33	1.3	4.4	2.8	.4	.1													65	65	68	19														
32/ 31	4.3	5.4	1.5	.4														84	84	92	72														
30/ 29	2.4	4.9	3.1															74	74	90	69														
28/ 27	1.4	4.6	1.8															56	56	55	62														
26/ 25	1.9	4.3	.4															48	48	76	69														
24/ 23	1.7	2.5	.6															34	34	43	70														
22/ 21	2.3	1.9	.3															34	34	42	60														
20/ 19	2.2	1.9																30	30	35	46														
18/ 17	2.2	1.4																26	26	27	44														
16/ 15	1.0	.8																13	13	18	32														
14/ 13	1.7	.3																14	14	16	31														
12/ 11	.7	.3																7	7	6	17														
10/ 9	1.5	.4																14	14	13	13														
8/ 7	.8	.1																7	7	9	9														
6/ 5	.4																	3	3	3	9														
4/ 3	2.2																	16	16	16	6														
2/ 1	1.0																	7	7	7	7														
0/ -1	2.2																	16	16	16	12														
-2/ -3	.4																	3	3	3	11														
-4/ -5	.1																	1	1	1	11														
-6/ -7																					6														
-8/ -9	.1																	1	1	1															
-10/-11	.4																	3	3	3															
-12/-13	.1																	1	1	1															
-14/-15	.1																	1	1	1															
-16/-17																					3														
																					3														
Element (X)	Σ X ²			Σ X			Σ			Σ _R			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

61-64

NUV
MONTH

PAGE 2 2100-2300

2100-2300
HOURS: 11:55 A.M. - 1:00 P.M.

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC

STATION

STAT. DN NAME

YEARS

MONTH

0000-0200

[illegible]

PSYCHROMETRIC SUMMARY

61-68

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0000-0200

HOURS: 11 A.M. - 7 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-24/-25																						3															
-26/-27		.1																	1	1	1	3															
-28/-29		.5																	4	4	4	4															
-30/-31		.9																	2	2	2	1															
-32/-33																						4															
-34/-35																						2															
-36/-39																				2																	
-40/-41																				1																	
-42/-43																				3																	
TOTAL	20.5	38.2	9.5	1.8																741		735															
							</																														

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

HOURS: 11:55 - 1:15

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-24/-25																						2													
-26/-27		.1																	1	1	1	3													
-28/-29		.1																	1	1	1	6													
-30/-31		.4																	3	3	3														
-32/-33		.3																	2	2	2	3													
-34/-35																						5													
-38/-39																						5													
-40/-41																				3		1													
-42/-43																				3															
TOTAL	22.4	36.7	10.2		.7														741			735													
																			735																
																						</													

PSYCHROMETRIC SUMMARY

61-68

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE H C DIT APT
STATION STATION NAME

61-68
YEARS

DEC
MONTH

PAGE 2 0900-1100
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-22/-23	.1	.1																2	2	1	3														
-24/-25	.1																	1	1	2	2														
-26/-27																					2														
-28/-29	.5																	4	4	4	3														
-30/-31	.3																	2	2	2															
-32/-33	.1																	1	2	1	5														
-34/-35	.3																	2	2	2	4														
-36/-37																					1														
-38/-39																			2																
-40/-41																			1		1														
-42/-43																			1																
TOTAL	43.0	42.0	13.0	1.0	.4															743	738														

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5052536	60672	82.2	9.362	738	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	422016	13102	17.6	16.043	743	14.5	77.5					93
Wet Bulb	369357	12489	16.9	14.642	738	14.2	83.5					93
Dew Point	306609	9847	13.3	13.331	738	19.2	89.2					93

PSYCHROMETRIC SUMMARY

61-68

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

NAME _____
MRS. J. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

25247 WILLIAMS LAKE B C DOT APT

61-68

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

HOURS - 5-10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-20/-21	.5																	2	2	3	2														
-22/-23	.1																	1	1	1	3														
-24/-25	.4																	3	3	3	3														
-26/-27	.8																	6	6	6	1														
-28/-29	.3																	2	2	2	6														
-32/-33																					6														
-34/-35																					1														
TOTAL	9.8	4.1	1.3	6.7	.8	1.2														741															
																				741															

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4650759	58101	78.4	11.338	741	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	Total
Dry Bulb	514347	15767	21.3	15.547	741	10.5	68.1					93
Wet Bulb	437033	14499	19.6	14.393	741	11.0	77.3					93
Dew Point	338298	11368	15.3	14.882	741	16.7	88.6					93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

PSYCHROMETRIC SUMMARY

61-68

DEC
MONTH
PAGE 2 1500-1700
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
22/-23	.3																	1	1	1	3														
24/-25	.4	.1																4	4	4	1														
26/-27	.8																	6	6	6	1														
28/-29																					4														
30/-31																					3														
32/-33	.1																	1	1	1	6														
38/-39																					1														
TOTAL	19.0	42.2	14.8	5.8	1.6	.5												741	741	741	741														

2

YEARS

DEC
MON 11

MEASURING THE EFFECTS OF

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-68

DEC

STATION

STATION NAME

YEARS

PAGE 1

2100-2300

HOURS: 11 A.M. - 5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

DEC

MONTH

MOBILE STATION

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-24/-25	1.1																	1	1	1	1															
-26/-27																		8	8	8	2															
-28/-29																					4															
-30/-31																					1															
-32/-33																					6															
-38/-39																			3																	
-40/-41																			2																	
-42/-43																			1																	
TOTAL	47.3	39.6	10.1	3.0														735	741	735	735															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE 8 C DUT APT

61-68

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	16.2	24.4	25.4	34.0	41.3	48.7	53.1	53.0	45.7	38.6	26.1	16.6	35.3											
	S D	16.14310.33010.978	6.348	7.164	6.660	5.610	6.470	7.832	8.08210.89616.086	16.330															
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	741	8763											
03-05	MEAN	15.6	23.3	23.6	31.6	38.7	46.2	50.3	49.9	43.2	37.5	25.3	16.2	33.5											
	S D	16.17610.86811.437	6.349	6.760	6.001	4.939	5.976	7.853	8.10310.97716.269	15.713															
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	741	8763											
06-08	MEAN	15.2	22.4	23.5	33.5	43.5	51.5	55.1	53.5	44.7	37.6	24.8	15.9	35.2											
	S D	16.30611.09011.723	6.382	7.096	6.317	5.835	6.651	7.697	7.98511.00816.292	17.336															
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	743	8763											
09-11	MEAN	16.9	26.8	30.2	40.2	50.5	58.2	62.2	61.4	52.5	42.6	27.8	17.6	40.6											
	S D	15.943	9.87311.000	7.225	8.077	7.474	7.331	7.995	7.960	7.75110.69216.043	18.900														
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	743	8763											
12-14	MEAN	20.9	32.7	36.1	45.0	55.0	62.8	67.3	67.4	58.9	47.3	31.6	21.3	45.6											
	S D	15.483	8.95810.353	7.766	8.849	8.367	8.548	9.133	9.031	8.30510.83815.547	19.347														
	TOTAL OBS	744	678	744	720	744	719	744	744	720	744	720	741	8762											
15-17	MEAN	21.1	33.6	37.5	46.6	56.2	64.2	68.7	68.9	60.2	47.4	31.1	20.9	46.4											
	S D	15.304	9.08210.254	8.035	9.213	8.926	9.161	9.727	9.564	8.46410.86815.386	19.887														
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	741	8763											
18-20	MEAN	18.2	28.9	32.9	42.6	52.7	61.1	65.4	64.2	54.0	42.8	27.9	18.6	42.5											
	S D	15.916	9.39010.292	7.800	9.264	8.884	8.967	9.565	8.784	8.19310.68015.700	19.571														
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	741	8763											
21-23	MEAN	17.0	26.2	28.7	37.3	46.0	53.6	58.0	57.3	48.9	40.2	26.7	17.4	38.2											
	S D	16.179	9.85610.585	6.855	7.928	7.452	6.853	7.608	7.991	8.04310.91616.046	17.525														
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	741	8763											
ALL HOURS	MEAN	17.6	27.3	29.7	38.8	48.0	55.8	60.0	59.4	51.0	41.8	27.7	18.1	39.7											
	S D	16.08310.68811.968	8.90710.149	9.868	9.74410.38510.305	8.93311.10716.031	18.708																		
	TOTAL OBS	5952	5424	5952	5760	5952	5759	5952	5952	5760	5932	5760	5932	70107											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE R C DUT APT

61-68

STATION

STATION NAME

YEARS

HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 15.1 S D 15.261 TOTAL OBS 744	22.8 9.440 978	23.2 9.913 744	30.4 5.378 720	37.1 5.704 744	43.8 4.664 720	48.4 3.616 744	48.6 4.425 744	42.2 6.408 720	35.6 6.511 744	24.7 10.056 720	16.2 14.645 735	32.4 14.505 8757
03-05	MEAN 14.6 S D 15.331 TOTAL OBS 744	21.8 10.025 978	21.9 10.509 744	28.9 5.667 720	35.5 5.741 744	42.4 4.680 720	47.0 3.633 744	46.9 4.699 744	40.6 6.680 720	34.9 6.573 744	23.9 10.181 720	15.8 14.830 735	31.2 14.359 8757
06-08	MEAN 14.3 S D 15.490 TOTAL OBS 744	21.1 10.302 978	21.7 10.839 744	30.1 5.576 720	38.5 5.457 744	45.4 4.287 720	49.6 3.658 744	49.1 4.510 744	41.6 6.519 720	35.1 6.508 744	23.5 10.211 720	15.6 14.860 737	32.2 15.291 8736
09-11	MEAN 15.7 S D 15.028 TOTAL OBS 744	24.5 8.845 978	26.6 9.527 744	34.1 5.363 720	41.9 5.363 744	48.1 4.494 720	52.4 3.965 744	52.7 4.367 744	45.8 5.847 720	38.1 6.056 744	25.9 9.620 720	16.9 14.642 738	35.3 15.340 8759
12-14	MEAN 19.0 S D 14.222 TOTAL OBS 744	28.8 7.479 978	30.2 8.200 744	36.6 5.325 720	43.7 5.473 744	49.6 4.419 719	53.9 4.014 744	54.6 4.436 744	48.5 5.900 720	40.5 6.038 744	28.5 9.261 720	19.6 14.395 741	37.8 14.614 8762
15-17	MEAN 19.3 S D 14.047 TOTAL OBS 744	29.4 7.347 978	31.1 7.743 744	37.3 5.185 720	44.3 5.420 744	50.0 4.403 720	54.2 3.830 744	54.9 4.352 744	48.8 5.869 720	40.5 6.140 744	28.2 9.373 720	19.4 14.351 741	38.1 14.643 8762
18-20	MEAN 17.0 S D 14.879 TOTAL OBS 744	26.2 8.134 978	28.3 8.361 744	35.2 5.357 720	43.0 5.585 744	49.1 4.499 720	53.5 3.750 744	53.6 4.399 744	46.4 5.930 720	38.1 6.292 744	26.0 9.562 720	17.7 14.526 738	36.2 15.176 8757
21-23	MEAN 15.9 S D 15.244 TOTAL OBS 744	24.2 8.843 978	25.5 9.228 744	32.4 5.246 720	39.9 5.638 744	46.3 4.478 720	51.0 3.536 744	50.8 4.306 744	43.9 6.138 720	36.5 6.432 744	25.0 9.973 720	16.9 14.530 735	34.1 14.831 8757
ALL HOURS	MEAN 16.4 S D 15.043 TOTAL OBS 5952	24.8 9.313 5424	26.1 9.945 5948	33.1 6.141 5760	40.5 6.314 5952	46.8 5.210 5759	51.2 4.522 5952	51.4 5.236 5948	44.7 6.831 5760	37.4 6.671 5952	25.7 9.930 5760	17.3 14.659 5900	34.7 15.050 70067

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE B C DDT APT

61-68

STATION

STATION NAME

YEARS

HRS - LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 11.6 S D 15.763 TOTAL OBS 744	MEAN 15.9 S D 10.226 TOTAL OBS 678	MEAN 18.3 S D 10.979 TOTAL OBS 744	MEAN 24.9 S D 6.468 TOTAL OBS 720	MEAN 32.0 S D 6.962 TOTAL OBS 744	MEAN 39.1 S D 5.815 TOTAL OBS 720	MEAN 44.6 S D 4.781 TOTAL OBS 744	MEAN 45.2 S D 5.037 TOTAL OBS 744	MEAN 38.7 S D 6.844 TOTAL OBS 720	MEAN 31.9 S D 6.643 TOTAL OBS 744	MEAN 21.6 S D 10.505 TOTAL OBS 720	MEAN 12.9 S D 15.344 TOTAL OBS 735	MEAN 28.3 S D 14.881 TOTAL OBS 8757
03-05	MEAN 11.1 S D 15.706 TOTAL OBS 744	MEAN 18.0 S D 10.752 TOTAL OBS 678	MEAN 17.5 S D 11.332 TOTAL OBS 744	MEAN 24.4 S D 6.604 TOTAL OBS 720	MEAN 31.6 S D 6.703 TOTAL OBS 744	MEAN 38.7 S D 5.567 TOTAL OBS 720	MEAN 44.1 S D 4.601 TOTAL OBS 744	MEAN 44.5 S D 5.079 TOTAL OBS 744	MEAN 37.9 S D 6.921 TOTAL OBS 720	MEAN 31.7 S D 6.475 TOTAL OBS 744	MEAN 20.9 S D 10.749 TOTAL OBS 720	MEAN 12.7 S D 15.617 TOTAL OBS 735	MEAN 27.8 S D 14.928 TOTAL OBS 8757
06-08	MEAN 10.7 S D 16.050 TOTAL OBS 744	MEAN 17.5 S D 11.085 TOTAL OBS 678	MEAN 17.3 S D 11.809 TOTAL OBS 741	MEAN 25.0 S D 6.607 TOTAL OBS 720	MEAN 32.8 S D 6.500 TOTAL OBS 744	MEAN 39.8 S D 5.308 TOTAL OBS 720	MEAN 45.3 S D 4.686 TOTAL OBS 744	MEAN 45.8 S D 4.793 TOTAL OBS 744	MEAN 38.6 S D 6.836 TOTAL OBS 720	MEAN 31.9 S D 6.408 TOTAL OBS 744	MEAN 20.6 S D 10.775 TOTAL OBS 720	MEAN 12.4 S D 15.652 TOTAL OBS 737	MEAN 28.2 S D 15.483 TOTAL OBS 8756
09-11	MEAN 11.7 S D 15.907 TOTAL OBS 744	MEAN 19.9 S D 9.849 TOTAL OBS 678	MEAN 20.0 S D 10.578 TOTAL OBS 743	MEAN 25.7 S D 7.011 TOTAL OBS 720	MEAN 32.6 S D 6.872 TOTAL OBS 744	MEAN 39.4 S D 5.807 TOTAL OBS 720	MEAN 45.1 S D 4.928 TOTAL OBS 744	MEAN 46.5 S D 4.820 TOTAL OBS 744	MEAN 39.9 S D 6.642 TOTAL OBS 720	MEAN 33.0 S D 6.564 TOTAL OBS 744	MEAN 22.1 S D 10.098 TOTAL OBS 720	MEAN 13.3 S D 15.331 TOTAL OBS 738	MEAN 29.2 S D 14.908 TOTAL OBS 8759
12-14	MEAN 14.3 S D 15.058 TOTAL OBS 744	MEAN 22.2 S D 8.657 TOTAL OBS 678	MEAN 20.9 S D 9.227 TOTAL OBS 744	MEAN 25.2 S D 7.606 TOTAL OBS 720	MEAN 31.5 S D 7.854 TOTAL OBS 744	MEAN 38.2 S D 6.186 TOTAL OBS 719	MEAN 44.1 S D 5.218 TOTAL OBS 744	MEAN 45.6 S D 5.361 TOTAL OBS 744	MEAN 39.5 S D 7.326 TOTAL OBS 720	MEAN 33.1 S D 7.267 TOTAL OBS 744	MEAN 23.6 S D 9.449 TOTAL OBS 720	MEAN 15.3 S D 14.882 TOTAL OBS 741	MEAN 29.5 S D 13.866 TOTAL OBS 8762
15-17	MEAN 14.8 S D 14.808 TOTAL OBS 744	MEAN 22.5 S D 8.476 TOTAL OBS 678	MEAN 21.0 S D 8.730 TOTAL OBS 744	MEAN 24.7 S D 7.884 TOTAL OBS 720	MEAN 31.6 S D 8.030 TOTAL OBS 744	MEAN 37.6 S D 6.577 TOTAL OBS 720	MEAN 43.5 S D 5.427 TOTAL OBS 744	MEAN 45.0 S D 5.649 TOTAL OBS 743	MEAN 39.0 S D 7.717 TOTAL OBS 720	MEAN 33.0 S D 7.457 TOTAL OBS 744	MEAN 23.5 S D 9.617 TOTAL OBS 720	MEAN 15.5 S D 14.874 TOTAL OBS 741	MEAN 29.3 S D 13.678 TOTAL OBS 8762
18-20	MEAN 13.3 S D 15.471 TOTAL OBS 744	MEAN 21.1 S D 9.109 TOTAL OBS 678	MEAN 20.4 S D 9.728 TOTAL OBS 744	MEAN 25.1 S D 7.466 TOTAL OBS 720	MEAN 32.6 S D 7.899 TOTAL OBS 744	MEAN 38.8 S D 6.795 TOTAL OBS 720	MEAN 44.8 S D 5.535 TOTAL OBS 744	MEAN 46.1 S D 5.551 TOTAL OBS 741	MEAN 39.7 S D 7.052 TOTAL OBS 720	MEAN 32.8 S D 6.985 TOTAL OBS 744	MEAN 22.4 S D 9.807 TOTAL OBS 720	MEAN 14.2 S D 15.230 TOTAL OBS 738	MEAN 29.3 S D 14.485 TOTAL OBS 8757
21-23	MEAN 12.3 S D 15.853 TOTAL OBS 744	MEAN 19.8 S D 9.837 TOTAL OBS 678	MEAN 19.5 S D 10.442 TOTAL OBS 744	MEAN 25.2 S D 6.886 TOTAL OBS 720	MEAN 33.0 S D 7.484 TOTAL OBS 744	MEAN 39.6 S D 6.158 TOTAL OBS 720	MEAN 45.7 S D 4.808 TOTAL OBS 744	MEAN 45.9 S D 5.108 TOTAL OBS 744	MEAN 39.2 S D 6.785 TOTAL OBS 720	MEAN 32.2 S D 6.896 TOTAL OBS 744	MEAN 21.7 S D 10.261 TOTAL OBS 720	MEAN 13.6 S D 15.265 TOTAL OBS 735	MEAN 29.0 S D 14.887 TOTAL OBS 8757
ALL HOURS	MEAN 12.5 S D 15.636 TOTAL OBS 5952	MEAN 20.0 S D 9.936 TOTAL OBS 5424	MEAN 19.4 S D 10.487 TOTAL OBS 5948	MEAN 25.0 S D 7.089 TOTAL OBS 5760	MEAN 32.2 S D 7.328 TOTAL OBS 5952	MEAN 38.9 S D 6.081 TOTAL OBS 5759	MEAN 44.6 S D 5.054 TOTAL OBS 5952	MEAN 45.6 S D 5.217 TOTAL OBS 5948	MEAN 39.1 S D 7.046 TOTAL OBS 5760	MEAN 32.4 S D 6.863 TOTAL OBS 5952	MEAN 22.0 S D 10.213 TOTAL OBS 5760	MEAN 13.8 S D 15.305 TOTAL OBS 5900	MEAN 28.8 S D 14.661 TOTAL OBS 72067

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25247 WILLIAMS LAKE B C DUT APT

61-68

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
JAN	ALL	100.0	100.0	100.0	99.9	99.1	95.5	83.5	55.6	17.0	80.6	5952
FEB		100.0	100.0	99.8	98.3	93.4	83.2	66.0	41.6	16.6	75.4	5424
MAR		100.0	100.0	98.8	93.0	80.9	65.0	46.1	25.6	10.5	67.5	5948
APR		100.0	99.4	93.7	80.9	66.4	50.3	34.5	21.3	11.1	61.3	5760
MAY		100.0	98.5	90.5	74.8	58.7	44.1	32.0	22.7	12.2	58.9	5952
JUN		100.0	98.6	89.5	72.9	57.1	42.9	29.7	20.3	10.4	57.7	5759
JUL		100.0	99.2	92.5	78.8	63.4	48.9	36.1	25.6	15.3	61.6	5952
AUG		100.0	98.8	93.8	83.5	70.4	56.1	42.7	29.8	16.3	64.7	5948
SEP		100.0	99.9	97.1	87.7	75.5	61.4	46.5	33.0	16.9	67.4	5760
OCT		100.0	100.0	99.5	95.9	86.7	70.8	52.2	36.0	21.6	72.0	5952
NOV		100.0	100.0	100.0	99.5	97.2	91.4	77.6	55.0	26.9	80.5	5760
DEC		100.0	100.0	100.0	99.9	99.4	97.2	87.7	62.0	22.6	82.5	5900
TOTALS		100.0	99.5	96.3	88.8	79.0	67.2	52.9	35.7	16.5	69.2	70067

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25247 WILLIAMS LAKE B C DOT APT

61-68

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.9	97.8	88.0	61.3	19.4	82.3	744
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	89.1	63.0	19.8	82.5	744
	06-08	100.0	100.0	100.0	100.0	99.9	99.3	90.1	61.6	18.5	82.4	744
	09-11	100.0	100.0	100.0	100.0	99.9	97.6	83.3	51.1	14.7	80.2	744
	12-14	100.0	100.0	100.0	99.5	97.4	89.5	71.6	39.5	10.8	76.2	744
	15-17	100.0	100.0	100.0	99.5	96.8	91.0	74.3	46.4	12.6	77.3	744
	18-20	100.0	100.0	100.0	100.0	99.2	94.6	85.5	60.9	18.5	81.5	744
	21-23	100.0	100.0	100.0	100.0	99.6	96.0	85.8	61.2	22.0	82.1	744
TOTALS		100.0	100.0	100.0	99.9	99.1	95.5	83.5	53.6	17.0	80.6	5952

USAFETAC

NORM
JUL 64

0-87-5 (OL II)

RELATIVE HUMIDITY

FEB

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
FEB	00-02	100.0	100.0	100.0	100.0	98.8	93.7	78.9	53.1	21.1	80.0	678
	03-05	100.0	100.0	100.0	100.0	99.3	94.0	80.1	56.0	24.2	80.8	678
	06-08	100.0	100.0	100.0	99.9	99.4	94.8	84.1	59.3	26.3	81.8	678
	09-11	100.0	100.0	100.0	99.4	96.2	83.8	70.8	43.8	13.4	76.3	678
	12-14	100.0	100.0	99.3	93.4	85.3	65.8	39.7	19.9	6.3	66.7	678
	15-17	100.0	99.9	99.3	93.1	79.9	60.6	40.1	20.2	6.9	63.6	678
	18-20	100.0	100.0	100.0	99.0	92.2	81.4	64.2	34.5	14.2	74.1	678
	21-23	100.0	100.0	100.0	99.9	96.3	89.5	69.8	45.7	20.1	77.6	678
TOTALS		100.0	100.0	99.8	98.3	93.4	83.2	66.0	41.6	16.6	73.4	3424

RELATIVE HUMIDITY

MAR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	96.4	83.2	62.6	36.6	16.3	75.1	744
	03-05	100.0	100.0	100.0	100.0	98.3	90.7	72.8	44.0	18.5	78.1	744
	06-08	100.0	100.0	100.0	100.0	97.8	90.1	73.5	43.7	17.7	77.9	741
	09-11	100.0	100.0	100.0	97.7	87.6	63.3	40.4	20.5	7.7	67.2	743
	12-14	100.0	100.0	96.9	83.9	59.3	38.0	19.1	8.7	2.7	56.2	744
	15-17	100.0	100.0	94.5	73.8	50.9	33.3	19.9	7.4	2.2	53.8	744
	18-20	100.0	100.0	99.1	89.8	68.1	51.1	32.5	17.5	6.7	62.0	744
	21-23	100.0	100.0	100.0	98.9	88.4	70.6	48.0	26.2	12.2	70.0	744
TOTALS		100.0	100.0	98.8	93.0	80.9	65.0	46.1	25.6	10.5	67.5	5948

RELATIVE HUMIDITY

APR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	98.1	90.0	70.4	47.4	30.3	17.1	70.9	720
	03-05	100.0	100.0	100.0	99.9	95.8	85.7	61.0	38.6	20.7	75.7	720
	06-08	100.0	100.0	99.9	98.6	93.2	77.1	51.9	32.8	16.4	72.5	720
	09-11	100.0	99.7	96.4	85.6	63.8	38.3	24.9	15.1	7.6	58.7	720
	12-14	100.0	98.8	85.4	57.4	38.1	24.3	16.1	9.2	3.5	48.8	720
	15-17	99.7	97.4	79.0	49.3	32.8	21.7	13.8	8.1	3.3	45.7	720
	18-20	100.0	99.0	90.4	67.4	45.8	32.5	23.1	12.8	7.5	53.4	720
	21-23	100.0	99.9	98.2	91.0	71.8	52.1	37.9	23.5	12.5	64.3	720
TOTALS		100.0	99.4	93.7	80.9	66.4	50.3	34.5	21.3	11.1	61.3	5760

RELATIVE HUMIDITY

MAY

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.5	96.0	84.4	67.6	52.7	39.1	22.7	71.8	744
	03-05	100.0	100.0	99.6	99.1	94.6	83.1	65.5	47.3	27.2	77.3	744
	06-08	100.0	100.0	99.6	96.4	84.4	62.2	39.5	27.4	15.7	68.1	744
	09-11	100.0	100.0	93.4	74.3	46.5	25.9	16.0	10.9	5.6	52.8	744
	12-14	100.0	96.5	78.9	46.1	23.9	15.7	10.6	7.0	3.0	43.9	744
	15-17	100.0	94.6	72.8	43.0	23.4	16.3	11.2	7.4	2.7	42.7	744
	18-20	99.9	97.4	83.6	58.7	40.5	29.0	20.8	14.9	6.0	50.6	744
	21-23	100.0	99.6	96.9	85.1	67.6	53.1	39.5	27.3	14.8	63.9	744
TOTALS		100.0	98.5	90.5	74.8	58.7	44.1	32.0	22.7	12.2	58.9	5952

RELATIVE HUMIDITY

JLN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUN	00-02	100.0	100.0	99.6	94.9	84.6	70.3	52.2	40.6	22.4	72.0	720
	03-05	100.0	100.0	100.0	98.8	93.8	81.3	62.9	46.9	29.6	76.9	720
	06-08	100.0	100.0	99.6	95.8	82.1	59.6	39.9	22.4	8.3	66.4	720
	09-11	100.0	99.9	94.9	74.3	46.1	26.9	13.8	6.4	2.6	52.0	720
	12-14	100.0	97.4	77.9	46.6	25.6	14.9	7.0	3.3	1.0	42.9	719
	15-17	99.7	94.7	68.6	35.6	22.6	14.7	9.4	5.7	1.4	40.8	720
	18-20	100.0	96.9	78.1	52.5	36.1	23.8	17.9	11.8	5.0	47.8	720
	21-23	100.0	99.9	97.1	84.7	65.6	51.5	34.7	24.9	12.6	62.6	720
TOTALS		100.0	98.6	89.5	72.9	57.1	42.9	29.7	20.3	10.4	57.7	5759

RELATIVE HUMIDITY

JUL

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.6	97.6	89.4	77.2	59.7	43.8	29.6	75.4	744
	03-05	100.0	99.9	99.9	99.5	95.7	87.9	73.4	56.9	36.8	80.8	744
	06-08	100.0	100.0	99.9	97.6	89.7	68.7	48.1	34.0	20.6	71.6	744
	09-11	100.0	99.9	97.0	84.4	55.6	33.5	20.6	10.5	4.0	56.1	744
	12-14	100.0	98.5	84.0	55.4	30.0	16.9	10.5	6.3	3.9	46.0	744
	15-17	100.0	97.2	74.6	44.6	27.4	18.4	11.8	7.0	3.4	43.9	744
	18-20	100.0	98.3	85.8	59.0	43.1	32.7	22.7	14.9	5.9	51.8	744
	21-23	100.0	99.5	98.8	92.3	76.1	56.2	41.8	31.0	18.5	67.0	744
TOTALS		100.0	99.2	92.5	78.8	63.4	48.9	36.1	25.6	15.3	61.6	5952

RELATIVE HUMIDITY

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.9	98.0	91.4	81.2	65.3	48.1	28.8	76.8	744
	03-05	100.0	100.0	100.0	100.0	97.6	90.7	79.8	64.5	40.5	83.0	744
	06-08	100.0	100.0	99.7	98.7	92.5	82.8	67.2	50.0	26.6	77.3	744
	09-11	100.0	100.0	98.9	87.1	70.8	47.6	29.6	15.5	5.8	60.7	744
	12-14	100.0	97.3	86.6	65.3	40.2	22.0	10.5	5.5	2.3	48.7	744
	15-17	100.0	94.9	79.8	54.8	33.3	21.3	12.4	7.1	1.5	46.1	743
	18-20	100.0	98.0	90.0	73.3	53.5	39.4	26.9	15.7	7.7	56.1	741
	21-23	100.0	100.0	97.8	90.5	79.7	63.7	49.7	32.0	17.2	68.8	744
TOTALS		100.0	98.8	93.8	83.3	70.4	56.1	42.7	29.8	16.3	64.7	5948

USAFETAC FORM 0-87-5 (OL 1)
JUL 64

RELATIVE HUMIDITY

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	% OF IS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.7	98.1	95.8	86.3	70.0	50.8	25.7	78.3	720
	03-05	100.0	100.0	99.9	99.4	97.5	92.5	80.4	63.3	36.9	82.7	720
	06-08	100.0	100.0	100.0	99.6	98.3	90.1	75.1	55.3	30.3	80.6	720
	09-11	100.0	100.0	99.6	94.4	78.2	54.6	32.2	20.6	8.1	64.1	720
	12-14	100.0	99.9	92.5	69.6	43.8	25.4	14.6	8.5	3.6	71.2	720
	15-17	100.0	99.3	87.9	56.5	36.3	23.8	16.8	10.8	5.1	49.1	720
	18-20	100.0	100.0	97.5	86.9	65.6	45.6	32.4	20.1	9.7	61.4	720
	21-23	100.0	100.0	99.6	96.9	88.2	72.9	50.8	34.2	15.6	71.3	720
TOTALS		100.0	99.9	97.1	87.7	75.5	61.4	46.5	33.0	16.9	67.4	5760

RELATIVE HUMIDITY

70

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.6	99.6	99.8	86.7	66.7	45.6	30.2	78.3	744
	03-05	100.0	100.0	100.0	99.6	97.0	91.4	73.1	56.5	34.3	80.9	744
	06-08	100.0	100.0	100.0	99.7	97.3	90.6	75.1	57.7	33.2	81.2	744
	09-11	100.0	99.9	99.7	97.8	90.7	71.1	47.4	26.7	15.9	70.6	744
	12-14	100.0	100.0	99.3	87.9	66.3	41.3	25.1	17.5	9.3	60.2	744
	15-17	100.0	100.0	98.4	85.9	63.7	41.5	25.8	16.1	9.0	59.9	744
	18-20	100.0	100.0	99.5	97.3	86.3	66.4	46.8	29.6	16.8	69.9	744
	21-23	100.0	100.0	99.6	99.1	94.6	77.7	57.7	38.3	24.2	74.9	744
TOTALS		100.0	100.0	99.5	95.9	86.7	70.8	52.2	36.0	21.6	72.0	5952

RELATIVE HUMIDITY

61-68

NUV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.6	95.3	83.9	65.6	33.9	83.6	720
	03-05	100.0	100.0	100.0	100.0	99.6	97.2	86.9	65.1	36.5	84.2	720
	06-08	100.0	100.0	100.0	100.0	99.7	97.2	88.2	67.4	34.7	84.4	720
	09-11	100.0	100.0	100.0	99.6	98.2	92.5	77.9	50.4	24.0	79.7	720
	12-14	100.0	100.0	100.0	99.0	91.3	81.4	61.7	34.7	12.5	73.6	720
	15-17	100.0	100.0	100.0	97.9	91.7	81.4	64.0	39.6	15.7	74.9	720
	18-20	100.0	100.0	100.0	99.6	97.8	91.3	78.2	55.4	27.6	80.9	720
	21-23	100.0	100.0	100.0	100.0	99.3	94.6	80.1	61.9	30.3	82.4	720
TOTALS		100.0	100.0	100.0	99.5	97.2	91.4	77.6	55.0	26.9	80.5	3760

RELATIVE HUMIDITY

61-68

DEC

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	98.4	92.1	69.0	26.9	84.2	735
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	92.0	70.1	26.3	84.6	735
	06-08	100.0	100.0	100.0	99.9	99.5	98.9	93.2	70.7	25.8	84.6	737
	09-11	100.0	100.0	100.0	100.0	99.6	98.4	87.1	60.3	21.3	82.2	738
	12-14	100.0	100.0	100.0	99.5	98.5	93.5	76.2	46.8	13.4	78.4	741
	15-17	100.0	100.0	100.0	100.0	98.2	94.5	81.9	53.8	18.5	80.1	741
	18-20	100.0	100.0	100.0	100.0	99.6	97.3	88.9	59.1	23.2	82.5	738
	21-23	100.0	100.0	100.0	100.0	100.0	97.8	90.2	66.3	25.7	83.5	735
TOTALS		100.0	100.0	100.0	99.9	99.4	97.2	87.7	62.0	22.6	82.5	5900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

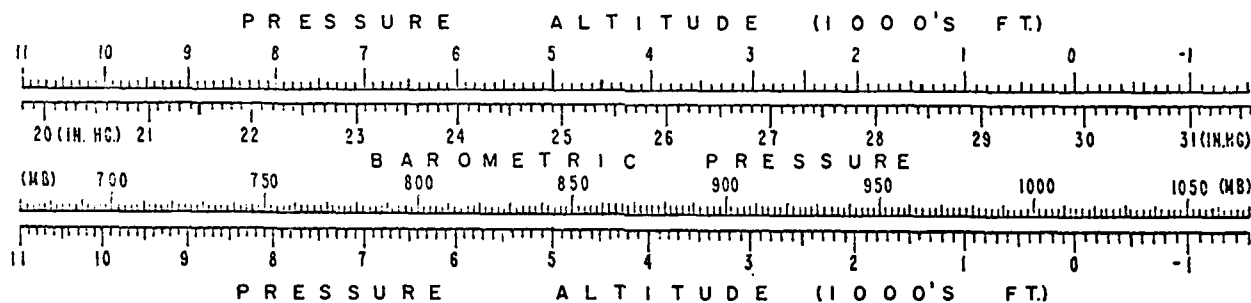
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE H C DUT APT

61-68

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	26.695	26.709	26.657	26.702	26.750	26.755	26.815	26.809	26.788	26.705	26.671	26.656	26.726
	S D	.305	.242	.238	.191	.151	.119	.120	.130	.164	.249	.255	.285	.220
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
04	MEAN	26.700	26.710	26.659	26.706	26.757	26.764	26.822	26.816	26.793	26.704	26.673	26.660	26.731
	S D	.308	.244	.241	.193	.154	.123	.122	.133	.167	.252	.255	.284	.222
	TOTAL OBS	248	226	248	240	249	240	248	248	240	248	223	247	2904
07	MEAN	26.695	26.711	26.666	26.719	26.773	26.777	26.837	26.831	26.806	26.712	26.677	26.658	26.739
	S D	.311	.249	.246	.196	.157	.127	.127	.136	.171	.251	.254	.285	.226
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	223	248	2905
10	MEAN	26.710	26.723	26.673	26.719	26.766	26.768	26.833	26.832	26.808	26.725	26.689	26.671	26.743
	S D	.314	.253	.251	.196	.156	.127	.126	.136	.175	.250	.254	.287	.226
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	223	248	2905
13	MEAN	26.690	26.706	26.650	26.695	26.743	26.744	26.810	26.809	26.784	26.708	26.669	26.651	26.722
	S D	.314	.251	.252	.193	.152	.124	.121	.134	.175	.249	.258	.292	.226
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	223	247	2903
16	MEAN	26.685	26.691	26.632	26.675	26.723	26.725	26.788	26.784	26.762	26.694	26.659	26.648	26.706
	S D	.312	.250	.248	.186	.146	.119	.119	.128	.171	.247	.256	.291	.221
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
19	MEAN	26.688	26.694	26.637	26.675	26.722	26.724	26.784	26.779	26.765	26.696	26.661	26.651	26.707
	S D	.310	.249	.239	.183	.140	.115	.115	.126	.168	.250	.255	.288	.219
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
22	MEAN	26.693	26.701	26.653	26.695	26.743	26.748	26.804	26.796	26.780	26.704	26.666	26.655	26.720
	S D	.307	.249	.234	.183	.144	.115	.115	.129	.165	.251	.254	.285	.218
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	224	247	2905
ALL HOURS	MEAN	26.694	26.706	26.653	26.698	26.747	26.751	26.812	26.807	26.786	26.706	26.670	26.656	26.724
	S D	.310	.248	.244	.191	.151	.122	.122	.133	.170	.250	.255	.287	.223
	TOTAL OBS	1984	1808	1984	1920	1983	1920	1984	1984	1920	1984	1788	1978	22237

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

25247 WILLIAMS LAKE B C DDT APT
STATION STATION NAME

61-68
YEARS

HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1017.31016.51014.31014.91015.31014.71016.41016.21016.31014.41015.21016.1													1015.7
	S D	11.887 9.447 9.353 7.340 5.691 4.612 4.531 4.968 6.569 9.58210.01611.077													8.338
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
04	MEAN	1017.61016.61014.31015.01015.91015.11016.81016.51016.61014.41015.31016.2													1015.9
	S D	12.006 9.547 9.446 7.422 5.830 4.747 4.676 5.096 6.629 9.695 9.99611.027													8.415
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 223 247													2904
07	MEAN	1017.71017.01015.01015.71016.31015.41017.21017.21017.41015.11015.71016.4													1016.3
	S D	12.225 9.886 9.781 7.508 5.830 4.849 4.760 5.130 6.838 9.741 9.97911.162													8.546
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 223 248													2905
10	MEAN	1018.31017.31015.11015.61016.11015.21017.11017.11017.31015.41016.11016.8													1016.4
	S D	12.323 9.941 9.878 7.554 5.843 4.831 4.682 5.108 6.855 9.637 9.90811.229													8.572
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 223 248													2905
13	MEAN	1017.31016.41014.01014.61015.21014.21016.21016.21016.21014.61015.21015.9													1015.5
	S D	12.251 9.818 9.900 7.381 5.650 4.748 4.531 5.084 6.811 9.58210.05311.318													8.531
	TOTAL OBS	248 226 248 240 247 240 248 248 240 248 223 247													2903
16	MEAN	1017.11015.81013.31013.81014.51013.61015.51015.31015.41014.11014.81015.8													1014.9
	S D	12.178 9.706 9.723 7.090 5.485 4.613 4.492 4.881 6.681 9.53910.01711.287													8.436
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
19	MEAN	1017.41016.41013.91014.01014.41013.41015.21015.21015.91014.51015.21016.1													1015.1
	S D	12.148 9.859 9.521 6.992 5.266 4.426 4.374 4.774 6.634 9.70010.00811.263													8.407
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
22	MEAN	1017.61016.51014.31014.71015.21014.41016.01015.81016.31014.71015.31016.3													1015.6
	S D	12.015 9.708 9.234 7.111 5.408 4.483 4.376 4.893 6.521 9.653 9.95511.085													8.320
	TOTAL OBS	248 226 248 240 248 240 248 248 240 248 224 247													2905
ALL HOURS	MEAN	1017.61016.61014.31014.81015.41014.51016.31016.21016.41014.61015.31016.2													1015.7
	S D	12.115 9.731 9.608 7.315 5.660 4.706 4.598 5.033 6.710 9.632 9.97911.166													8.460
	TOTAL OBS	1984 1808 1984 1920 1983 1920 1984 1984 1920 1984 1788 1978													23237

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